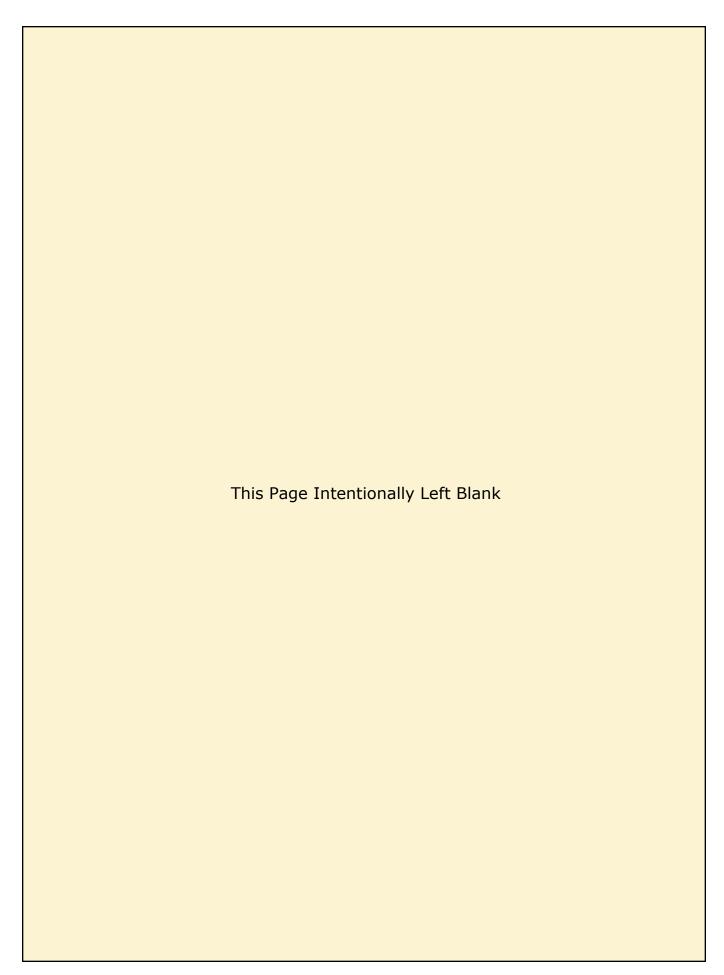
# Frederick County Division of Fire and Rescue Services



# Annual Report 2019



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### **County Executive Jan H. Gardner**



We are proud in Frederick County that our Division of Fire & Rescue Services delivers award-winning service to the people who live and work in our community. Keeping our community safe is a fundamental role of county government, and the firefighters and EMTs in Frederick County are among the best in the State of Maryland. They deliver a high level of care, saving lives and protecting property.

Frederick County's fire and rescue services are provided to our rapidly growing community through a combination of career and volunteer personnel. In 2019, they responded to 34,084 calls for service. The Division responds to 93 calls each day, on average, across the county's 664 square miles. We have increased career staff as the demand for service continues to rise. In the past five years, the Division of Fire & Rescue Services has recruited, hired, and trained 159 new positions in 9 separate recruit classes to ensure prompt and professional service to citizens in need.

The past year also brought change to the division, with the retirement of Chief Tom Owens after a career of 50 years of service with several jurisdictions. Deputy Chief Tom Coe seamlessly stepped into the role of interim chief, leading the division he first joined 19 years earlier as a member of Recruit Class 4.

I am grateful for the men and women of the Division of Fire and Rescue Services for their outstanding work to keep our community safe. They are helping to preserve our rich history and ensure a bright future for all of us in Frederick County.

Jan H. Gardner County Executive

Jan H. Lardner

### **Message from the Director**

On behalf of the men and women of the Frederick County Division of Fire and Rescue Services (DFRS), it is my pleasure to present the Division's annual report for Calendar Year 2019. Our annual report highlights the many activities and accomplishments of the Division over the last year and profiles the outstanding work of the men and women who provide your fire and rescue services.

In calendar year 2019, our volunteer and career personnel answered 34,084 calls for emergency service, an average of 93 emergency responses per day. This level of operational tempo requires our personnel to maintain a high state of readiness, and they do so through regular inspection and testing of their apparatus and equipment as well as regular training to exercise their technical knowledge and skills. This ensures the highest level of proficiency in our emergency service delivery that our citizens deserve.



Chief Thomas E. Coe

Let me highlight just a few of the Division's recent accomplishments. In 2019, DFRS graduated two recruit academy classes, the new recruits fill several vacancies as well as add a second EMS Supervisor to each of our three shifts. Working with our partners in the Interagency Information

Technology Agency and Procurement, DFRS was able to acquire and implement a much needed records management system. In September of 2019, Frederick County was awarded a 5.4 million dollar Staffing for Adequate Fire & Emergency Response (SAFER) grant from the Department of Homeland Security that will fund the addition of thirty-eight firefighters to provide new services, which are critical to our ability to provide prompt and efficient service.

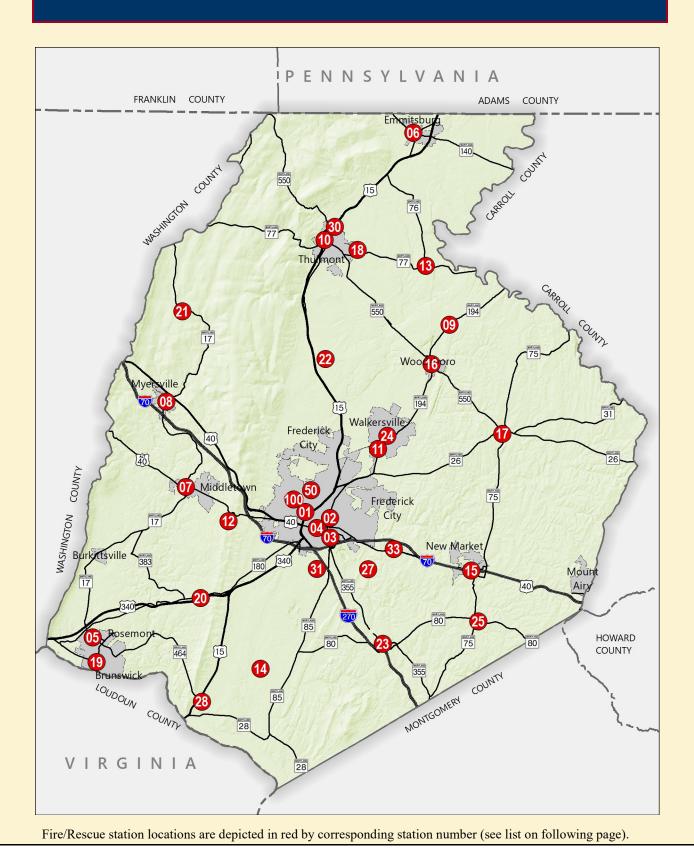
The men and women of our Division remain focused on our mission of providing the best fire and emergency medical services possible to our community. I could not be more proud of the level of dedication and professionalism they display on a daily basis.

Chief Thomas E. Coe, Director

### Mission Statement

The Division of Fire and Rescue Services is committed to protecting life, property, and the environment by providing professional, efficient, and quality service.

# **Frederick County Fire/EMS Stations**



# Frederick County Fire and Rescue Station Locations

Co.	Name	Address
1	Independent Hose Co.	310 Baughman's Lane, Frederick, MD 21702
2	Junior Fire Co.	535 North Market Street, Frederick, MD 21701
3	United Steam Fire Engine Co.	79 South Market Street, Frederick, MD 21701
4	Citizens Truck Co.	9 South Court Street, Frederick, MD 21701
5	Brunswick Volunteer Fire Co.	1500 Volunteer Drive, P.O. Box 156, Brunswick, MD 21716
6	Vigilant Hose Co.	25 West Main Street, P.O. Box 171, Emmitsburg, MD 21727
7	Middletown Volunteer Fire Co.	401 Franklin Street, P.O. Box 322, Middletown, MD 21769
8	Myersville Volunteer Fire Co.	301 Main Street, P.O. Box 95, Myersville, MD 21773
9	New Midway Volunteer Fire Co.	12019 Woodsboro Pike, P.O. Box 67, New Midway, MD 21775
10	Guardian Hose Co.	21 North Church Street, Thurmont, MD 21788
11	Walkersville Volunteer Fire Co.	79 West Frederick Street, P.O. Box 425, Walkersville, MD 21793
12	Braddock Heights Volunteer Fire Co.	6715 Jefferson Blvd., Braddock Heights, MD 21714
13	Rocky Ridge Volunteer Fire Co.	13516 Motters Station Road, P.O. Box 154, Rocky Ridge, MD 21778
14	Carroll Manor Volunteer Fire Co.	2795 Adams Street, Adamstown, MD 21710
15	New Market Dist. Volunteer Fire Co.	76 West Main Street, P.O. Box 925, New Market, MD 21774
16	Woodsboro Volunteer Fire Co.	2 South Third Street, Woodsboro, MD 21798
17	Libertytown Volunteer Fire Co.	12027 South Street, P.O. Box 33, Libertytown, MD 21762
18	Graceham Volunteer Fire Co.	14026 Graceham Road, P.O. Box 181, Thurmont, MD 21788
19	Brunswick Ambulance Co.	200 West Potomac Street, Brunswick, MD 21716
20	Jefferson Volunteer Fire. Co.	4603-A Lander Road, P.O. Box 578, Jefferson, MD 21755
21	Wolfsville Volunteer Fire Co.	12464 Wolfsville Road, Myersville, MD 21773
22	Lewistown Dist. Volunteer Fire Co.	11101 Hessong Bridge Road, Frederick, MD 21701
23	Urbana Volunteer Fire/Rescue Co.	3602 Urbana Pike, Frederick, MD 21704
24	Walkersville Volunteer Rescue Co.	73 Frederick Street, P.O. Box 202, Walkersville, MD 21793
25	Green Valley Station	3939 Green Valley Road, Monrovia, MD 21770
27	Public Safety Training Facility	5370 Public Safety Place, Frederick, MD 21704
28	Point of Rocks Station	1809 Ballenger Creek Pike, Point of Rocks, MD 21777
30	Thurmont Comm. Ambulance Station	27 North Church Street, Thurmont, MD 21788
31	United/Westview Fire Station	5525 New Design Road, Frederick, MD 21703
33	Spring Ridge Fire Station	6061 Spring Ridge Parkway, Frederick, MD 21701
100	ALS Headquarters	340 Montevue Lane, Frederick, MD 21702

### Office of the Director

### **DFRS Organizational Structure**

The Frederick County Division of Fire and Rescue Services (DFRS) provides critical life safety services to the citizens and visitors of Frederick County. DFRS employs 450 uniformed personnel, 16 civilian personnel and partners with hundreds of volunteer responders to serve more than 240,000 citizens of Frederick County that reside in the 664 square miles of our jurisdiction.

The Division of Fire and Rescue Services is broken down into three sections each lead by a Deputy Chief, that function under the Office of the Director. The Emergency Services Section includes the field operations, emergency medical services, training, safety and special operations offices. The Administrative Services Section includes the finance, logistics, fire marshals and EMS billing offices. The Volunteer Services Section coordinates with our 25 independent volunteer Fire, Rescue and EMS corporations as well as coordinate a county-wide volunteer recruitment and retention program.

The Division of Fire and Rescue Services works on a daily basis with both the Frederick County Volunteer Fire and Rescue Association and the Frederick County Career Firefighters and Paramedics Association (IAFF Local #3666) to ensure that our combination fire/rescue system of career and volunteer responders continue our long history of high quality, professional service to Frederick County.

The men and women of DFRS are held to the highest standard of moral and ethical character and work to protect your life and property professionally, enthusiastically, and to their utmost ability.



# FY 2020 Fiscal Plan Summary

Revenues: \$ 4,4	91,846 \$	4 740 724 6		
Revenues: \$ 4,4		4,718,724 \$	4,637,798 \$	4,620,000
Expenditures				
	77,680 \$	616,911 \$	695,484 \$	683,345
•	51,443 \$	1,195,640 \$	1,291,437 \$	1,590,672
	58,135 \$	930,793 \$	1,068,434 \$	1,359,238
• •	99,446 \$	44,585,336 \$	49,076,400 \$	52,764,608
	33,536 \$	595,560 \$	698,530 \$	710,041
Fire Marshal's Office \$ 5	59,767 \$	588,666 \$	567,275 \$	626,952
Misc. Volunteer Fire Rescue	43,376 \$	2,660,201 \$	2,977,861 \$	2,972,672
•	40,873 \$	•		863,196
·	19,312 \$	3,861,192 \$	4,136,840 \$	4,390,185
Senator Amoss Funds \$ 5	59,252 \$	566,349 \$	572,654 \$	580,000
Total Expenditures \$ 54,6	42,820 \$	56,445,833 \$	61,611,185 \$	66,540,909
Number of Positions				
Office of the Director 4		4	4	4
Administrative Services 6		6	6	7
Training Office 7		7	7	7
Emergency Services 380		392	404	436
Ambulance Billing Office 3		3	3	4
Fire Marshal's Office 4		4	4	4
Volunteer Fire Rescue Services 3 Misc. Volunteer Fire Rescue		3	3	4
Companies 0		0	0	0
Volunteer Fire Companies 0		0	0	0
Senator Amoss Funds 0		0	0	0
Total Number of Personnel 407		419	431	466

# FY 2020 Fiscal Plan Office of the Director

<u>Description</u>		Actual FY17	Actual FY18	Actual FY19	pproved Budget <u>FY20</u>
Number of Personnel		4	4	4	4
Expenditures:					
Salary & Wages	\$	352,491	\$ 319,948	\$ 371,073	\$ 347,055
Overtime	\$	-	\$ -	\$ 128	\$ -
Health Insurance	\$	41,277	\$ 28,429	\$ 57,126	\$ 52,555
OPEB	\$	18,960	\$ 19,248	\$ 21,264	\$ 20,256
Dental Insurance	\$	181	\$ 124	\$ 168	\$ 120
Social Security/Medicare	\$	23,424	\$ 21,623	\$ 24,663	\$ 23,744
Retirement	\$	66,223	\$ 57,868	\$ 65,813	\$ 52,384
Unemployment Cont.	\$	204	\$ 204	\$ 287	\$ 204
Workman's Comp.	\$	4,022	\$ 1,885	\$ 3,157	\$ 2,025
Life Insurance	\$ \$ \$	1,100	\$ 941	\$ 1,107	\$ 1,150
Total Salary & Fringes	\$	507,881	\$ 450,269	\$ 544,786	\$ 499,493
Operating Costs:					
Equipment Maint./Repairs	\$	583	\$ _	\$ _	\$ 100
Telephone Base/Activity	\$	1,873	\$ 2,597	\$ 1,856	3,018
Wireless Communications	\$	2,348	\$ 2,170	\$ 2,644	\$ 3,570
Advertising	\$	880	\$ 899	\$ 311	\$ 1,200
Travel/Training	\$	55	\$ 4,489	\$ 1,871	
Staff Mileage	\$	3,526	\$ 2,129	\$ 3,853	\$ 12,528
Postage	\$	3,645	\$ 6,277	\$ 1,719	\$ 8,023
Dues/Subscriptions	\$	826	\$ 591	\$ 816	\$ 1,000
Printing	\$	24,270	\$ 25,017	\$ 10,958	\$ 27,588
Misc. Supplies	\$	673	\$ 295	\$ -	
Non Capital Equipment	\$	336	\$ 984	\$ 1,581	\$ 2,705
Fleet Fuel			\$ 205		
Office Supplies	\$	40,785	\$ 30,990	\$ 35,089	\$ 34,120
Misc Fire/Rescue Approp.	\$	90,000	\$ 90,000	\$ 90,000	\$ 90,000
<b>Total Operating Expenses</b>	\$	169,799	\$ 166,642	\$ 150,698	\$ 183,852
Total Budget	\$	677,680	\$ 616,911	\$ 695,484	\$ 683,345

## Office of the Director **Organizational Chart** Chief Tom Coe Director Leslie Lenhart Sarah Campbell Administrative Personnel Analyst Assistant Personnel Services Public Information Officer Deputy Chief Deputy Chief Deputy Chief Kevin Fox Kenny Poole Steve Leatherman Volunteer Services **Emergency Services** Administrative Services Field Volunteer Finance Coordination Operations Emergency Volunteer Logistics, Recruitment & Medical Retention Fleet & Facilities Services Training Fire Marshal Special Ambulance Operations Billing

### Office of the Director Personnel Services

#### **Uniformed New Hire Recruitment**

Leading up to 2019 a complete rebranding of Frederick County Fire and Rescue Services recruitment was done. A committee of 15 members, complete with officers, administrative staff, and entry level firefighters joined together to launch the 'Your Mission Starts Here' campaign. With that committee, a new website, www.frederickfireandrescue.com, geared toward prospective applicants and hiring process candidates was created. Print material and several inhouse recruitment videos were developed and released. Members of the team attended over a dozen recruitment events to include Paramedic programs, health expos, and surrounding colleges and universities.

These recruitment efforts kicked off the hiring process for Recruit Class 25. During the FY20 year, the department was approved for 28 new uniformed positions to include 19 for staff upgrades and 9 for leave impact. Six hundred and fourteen applications were received in September 2018 with the written examination held in October 2018. This was the first time that FCDFRS utilized a video based test for the entry level examination. Individuals who successfully completed the written test were moved through to the Candidate Physical Abilities Test (CPAT) and a subsequent interview. This process yielded 104 eligible candidates, 60 were extended conditional offers, after backgrounds, physicals, and psychological evaluations 30 were extended final offers. Twenty-four recruits graduated from Recruit Class 25 on May 10, 2019.

Throughout 2019 the division experienced 29 separations from employment of its current personnel. Of those, 9 were from eligible retirements, including the Fire Chief, Thomas W. Owens, and 20 were resignations/terminations. This lead to the need for an additional hiring process to create a comprehensive eligibility list in order to fill these vacancies.

While Recruit Class 25 was in the academy, recruit efforts were re-engaged to conduct a new hiring process in March 2019. Job applications were accepted through the month of March 2019 and produced 816 applicants. The remaining candidates from the Recruit Class 25 eligibility list were merged with those new applicants for this Recruit Class 26 process. Through the entry level written examination, CPAT, and interview portion of this testing process a list of 154 eligible candidates was produced. From that eligibility list 30 recruits were hired for Recruit Class 26 which started on October 28, 2019. The Division was awarded the Safer Grant to encompass funding for an additional 38-uniformed positions. With that award, 30 recruits were hired for Recruit Class 27 that began on January 27, 2020. This exhausted the remaining eligibility list that was derived from the March 2019 process.

A new hiring process was opened up in July 2019, generating 1,056 candidates. Evolving through the various stages of the hiring process was the creation of a third eligibility list for 2019 of 194 eligible candidates for selection. These candidates were selected to start in Recruit Class 28 on March 16, 2020.

Overall, three hiring processes were initiated in 2019, candidates for 4 recruit classes were selected, and preparations were made for three overlapping training academy classes.

### Office of the Director Personnel Services (continued)

### **Uniformed Promotions (Competitive and Non-Competitive)**

A Battalion Chief promotional process was conducted in the Fall of 2019 which yielded 7 eligible candidates for promotion. An additional Captain process was conducted as well due to the exhaustion of the eligibility list produced in the Fall of 2018. The 2018 Lieutenant eligibility list remains in effect with a total of 24 eligible candidates. A Technician eligibility list with 18 candidates was created through a promotional process conducted in the Summer of 2019. Battalion Chief and Technician lists will be affective until 2021 or until the list has been exhausted while the Lieutenant and Captain lists will remain in effect until 2020 or until they are exhausted.

2019 saw 16 competitive promotions made:
Lieutenant to Captain 2
Technician to Lieutenant 4
Fire Medic III to Lieutenant Medic 4
Firefighter III to Lieutenant2
Firefighter III to Technician 4
•
54 Non-Competitive Upgrades were made:
Firefighter I to Firefighter II52
Fire Medic I to Fire Medic II 2

#### **Non-Uniformed New Hire Recruitment and Promotions**

2019 saw the separation of 3 non-uniformed administrative personnel and the addition of 1 new position, Logistics Manager. We hired for the positions of:

EMS Billing Specialist Administrative Assistant Administrative Coordinator, due to promotion

#### **Grievances and Appeals**

16 grievances/appeals for 20 personnel were addressed in 2019.



### **Administrative Services**

The Administrative Services Section includes Logistics Support to all the Fire/Rescue/EMS Companies in the County, Ambulance Transport Insurance Billing, Fleet Management, Vehicle Acquisition/Specifications, Breathing Apparatus Technicians and Equipment Technicians. Administrative Services also provides oversight of the Fire Marshal's Office.

Additionally, the Administrative Services Section provides the fiscal management and is responsible for developing and administering the budgets for the Division of Fire and Rescue Services, Frederick County Volunteer Fire & Rescue Association's volunteer fire and rescue corporations and ten committees and specialty teams. Responsibilities also include procurement and contract management. The total FY19 budget for the Division of Fire Rescue Services is \$61,611,185 and employs 431 full time employees.

The Administrative Services Section provides oversight for the Capital Improvement Projects for the Division of Fire and Rescue, which is budgeted at \$35M over the next six years. These projects include the construction of new fire stations, Training Center improvements, and major capital projects such as County wide Self Contained Breathing Apparatus replacement.

The Administrative Services Division is staffed with 15 full-time employees and 3 part-time employees to include the following:

- 1 Deputy Chief
- 1 Administrative Coordinator
- 1 Fiscal Specialist
- 1 Senior Equipment Technician
- 1 Logistics Specialist
- 1 Equipment Technician
- 1 Breathing Apparatus Technician
- 2 Part-Time Logistics Support

- 1 Ambulance Billing Coordinator
- 2 Ambulance Billing Specialists
- 1 HIPAA Compliance Officer
- 1 Battalion Chief—Fire Marshal's Office
- 1 Lieutenant—Fire Marshal's Office
- 2 Deputy Fire Marshal's
- 1 Part-Time Background Investigator

### **Logistics**

The Logistics group provides support to the Division of Fire and Rescue Services and the companies within the Frederick County Volunteer Fire & Rescue Association. The Logistics function includes the operations of a supply warehouse located at 300-A Scholls Lane. They provide short and long term emergency incident support with equipment and supplies. An inventory of supplies, hoses and equipment is maintained and issued as needed.

Logistics is responsible for issuing and ordering personal protective equipment (PPE) to the county's career and volunteer personnel and are certified to inspect/test PPE to conform to the NFPA 1851 Standard and maintain accountability of all PPE issued.

Logistics processes approximately 1,000 purchase orders and requisitions each year for supplies and equipment that is delivered to the thirty (30) fire and rescue stations, and the Public Safety Training Facility on a weekly basis. Uniforms are issued and inventory maintained to support the needs of the County's uniformed employees.

#### **Ambulance Transport Insurance Billing**

The Ambulance Transport Insurance Billing Program generates over \$6.2 million dollars in revenue on an annual basis, with approximately \$1.6 million dollars being distributed to the transporting fire/rescue companies. This program reviews approximately twenty thousand EMS reports on an annual basis and submits to our billing agent for invoicing. The program also administers the Subscription Club for the local fire and rescue corporations, which entitles the Subscriber relief of any additional cost of the service above what the insurance company will reimburse for emergency medical transport. The subscription club collects approximately \$350K and is distributed to the first due fire/rescue Company which the subscriber lives in.

The HIPAA Compliance Officer is a separate function within the Division of Fire and Rescue but works very closely with the Ambulance Transport Billing Program and on behalf of the Division of Fire and Rescue and its 26 member companies. This position ensures we are in compliance with all State, Federal and Medicare rules and regulations.

### Additionally, this program:

- Is responsible for staying abreast of federal, state and local regulations and implementing such changes as they apply to ambulance providers.
- Is responsible for statistical and financial reporting. Monthly, quarterly and fiscal year end.
- The program educates and works with the general public to ensure no resident suffers a financial hardship associated with service provided.
- Works closely with mutual aide fire/EMS companies for reimbursement of upgraded services and subscription club membership.
- The Billing Coordinator works hand and hand with the Billing Agent and insurance carriers to ensure accurate billing and reimbursement.

#### **Breathing Apparatus Technician**

The Breathing Apparatus Technician assigned to the Administrative Services Section is responsible for maintenance, repair and testing of the County's 700+ Self Contained Breathing Apparatus (SCBA) and RIT (Rapid Intervention Team) Packs. This is done in accordance with the manufacturers and NFPA required standards. They maintain, configure, issue and document the stock of SCBA face pieces used by the career and volunteer firefighters. In addition, they are responsible for the maintenance and required air monitoring of the 19 fixed and mobile breathing air compressors, mobile cascades and supplied air systems throughout the County. Their responsibilities also include maintenance, repair and testing of the medical oxygen regulators and monitoring equipment, portable area lighting and hand-lights, fire nozzles and various types of electronic and scientific equipment. The position also handles calibration of instruments, torque tools, pressure gauges and other force and load tools.

#### **Equipment Maintenance Technician**

The Equipment Maintenance Technician responsibilities include the maintenance and repair of the small gas engines for the saws, portable pumps and generators used by the County's fire/rescue companies and other hand tools and equipment. In addition, the technician serves as program manager for Standards Inspections, Pumps Testing, Ladder Testing and Hose Testing county-wide for all the fire rescue apparatus, ambulances and other vehicles. The technician is also certified in the testing, maintenance and repairs to ladders used on the fire apparatus.

# Administrative Services FY 2020 Fiscal Plan

<u>Description</u>		Actual FY17	Actual FY18	Actual <u>FY19</u>	Approved Budget FY20
Number of Personnel		6	6	6	7
Expenditures:					
Salary & Wages	\$	342,370 \$			•
Overtime	\$	2,616 \$	•	•	•
Health Insurance	\$	63,858 \$		•	•
OPEB	\$ \$ \$ \$ \$ \$ \$ \$ \$	28,440 \$	•		
Dental Insurance	\$	241 \$			
Social Security/Medicare	\$	24,784 \$	•	•	\$ 37,556
Retirement	\$	59,965 \$		•	\$ 70,869
Unemployment Cont.	\$	306 \$	350	\$ 423 5	\$ 357
Workman's Comp.	\$	9,111 \$	4,190	2,987	\$ 4,044
Life Insurance	\$	1,004 \$	1,124	3 1,325	\$ 1,640
Total Salary & Fringes	\$	532,695 \$	571,696	650,417	\$ 712,172
Operating Costs:					
Medical (Physicals)	\$	- \$	- 9	<b>;</b> - :	\$ 1,800
Equipment Maint./Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	21,727 \$	28,934	60,116	\$ 59,141
Fleet Charges	\$	85,327 \$	98,454	\$ 116,653	\$ 136,422
Telephone Base/Activity	\$	12,159 \$	10,931	5 10,282	\$ 13,866
Wireless Communications	\$	119,452 \$	143,640	\$ 147,361	\$ 151,938
Contracted Services	\$	63,006 \$	104,649	5 158,440	\$ 157,066
Dues/Subscriptions	\$	2,623 \$	1,596	\$ 1,550	\$ 1,375
Equipment Rental	\$	1,211 \$	1,893	1,505	\$ 4,550
Custodial Supplies	\$	- \$	28 9	<b>170</b>	
Small Tools	\$	1,365 \$	426	(139)	\$ 1,907
Uniforms/Safety Shoes	\$	17 \$	- 9		\$ 3,000
Nonexpendable Supplies		\$			\$ 6,000
CO 25 Supplies	\$	5,060 \$	1,901	3,912	\$ -
SCBA Supplies	\$	22,520 \$			
Medical/Surgical Supplies	\$	- \$			
Breathing Air Supplies	\$	15,832 \$			
Emrg HAZMAT Supplies	\$	63,052 \$			
Misc. Supplies	\$	10,109 \$	•		•
Computer S/W and H/W	\$	8,619 \$			
Non Capital Equipment	\$	- \$		•	•
Fleet Fuel	Ś	28,117 \$			
Capital Equipment-NonBuilding	\$	58,552	,	•	\$ 35,000
Total Operating Expenses	\$ \$ \$ \$ \$ \$ \$	518,748 \$	623,944		
, 0	<u>-r'</u>				
Total Budget	\$	1,051,443 \$	1,195,640	5 1,291,437	\$ 1,590,672

# Administrative Services FY 2020 Fiscal Plan Ambulance Billing Office

<u>Description</u>		Actual <u>FY17</u>		Actual <u>FY18</u>		Actual <u>FY19</u>		Approved Budget <u>FY20</u>
Number of Personnel		3		3		3		4
Revenues:								
Ambulance Insurance Billing	\$	5,860,805	\$	6,089,944	\$	6,186,901	\$	6,000,000
Fire/Rescue Co. Proceeds	\$	(1,377,401)	\$	(1,382,416)	\$	(1,566,977)	\$	(1,380,000)
Fire Rescue Subscriptions	\$	345,446	\$	348,827	\$	349,888	\$	395,000
Fire/Rescue Subscription Credits	\$	(337,004)	\$	(337,630)	\$	(332,014)	\$	(395,000)
Total Reinvestments/Revenue	\$	4,491,846	\$	4,718,724	\$	4,637,798	\$	4,620,000
Expenditures:								
Salary & Wages	\$	164,731	\$	167,380	\$	191,937	\$	200,632
Overtime	\$	-	\$	59	\$	5	\$	-
Health Insurance	\$	34,302	\$	35,063	\$	41,078	\$	43,747
OPEB	\$	14,220	\$	14,436	\$	15,948	\$	20,256
Dental Insurance	\$	121	\$	120	\$	167	\$	180
Social Security/Medicare	\$	12,182	\$	12,405	\$	14,204	\$	15,348
Retirement	\$	14,450	\$	14,438	\$	20,467	\$	17,200
Unemployment Cont.	\$	210	\$	204	\$	199	\$	204
Workman's Comp.		245	\$	100	\$	78	\$	119
Life Insurance	\$ \$	461	\$	468	\$	589	\$	665
Total Salary & Fringes	\$	240,921	\$	244,673	\$	284,672	\$	298,351
Operating Costs:								
Banking/Investment	\$	29,540	\$	27,664	\$	26,541	\$	30,900
Telephone Base/Activity	\$	2,617		2,181		2,084		3,600
Advertising	\$	, -	\$	, -	\$	, -	\$	400
Travel/Training	\$	4,928		2,296		6,234		9,000
Contracted Services	\$	302,221		272,998	\$	327,736		306,178
Postage	\$	48,588		44,975	\$	49,393		48,500
Dues/Subscriptions	\$	85		-	\$	19		400
Printing	\$	805	•	774		306		2,712
Computer S/W and H/W	\$	103,437		_	\$	-	\$	5,000
Non Capital Equipment	\$	395		_	\$	_	\$	5,000
Office Supplies	7	230			\$	1,543	•	2,200
Total Operating Expenses	\$	492,616	\$	350,887		413,858	\$	411,690
Total Budget	\$	733,536	\$	595,560	\$	698,530	\$	710,041
Total Duuget	<u> </u>	, 33,530	7	233,230	7	230,230	7	, 10,011

#### **Accomplishments**

- Applied and was awarded the Staffing for Adequate Fire and Emergency Grant (SAFER) for the hiring of 38 new firefighter positions. The federal share is \$5,498,585 and a local match of \$3,418,039 for a total of 8,916,624. This is a 3-year grant.
- Developed specifications and issued a contract to Pierce Mfg., for the purchase of a large capacity tanker on a 2019 Kenworth T800 Chassis with a 1,500 gpm pump, 3,100 gallons of water, 400 gallons Class B Foam and a Williams Around the Pump Foam Proportioner.
- Received and placed into service 4 new pumpers and a new ladder truck. The
  pumpers are 2018 Pierce Enforcer pumpers with a 1,500 gpm pump and 750
  gallons of water. These pumpers were assigned to the Westview Fire Station,
  Junior Fire Company, Spring Ridge Fire Station and the Green Valley Fire
  Station. The new ladder truck is a 107' Pierce Ascendant Ladder truck and is
  assigned to the Middletown Fire Station.
- Completed the construction of the new Middletown Fire Station on Franklin Street in Middletown.
- Developed a RFP for the design of the new Northgate Fire Station on the north end
  of Frederick City on Thomas Johnson Drive between Hayward Road and Byte Court.
  Also, finalized the land transfer from the Board of Education to Frederick County for
  the fire station site.
- Completed the 800 MHz mobile and portable radios replacement project in the amount of \$2.8M
- Purchased \$1.3M of PPE with the Supplemental Budget Transfer from the County Executive. This allowed DFRS to replace expiring PPE for Career and Volunteer Firefighters.
- Issued a contract and completed the ambulance re-chassis for a new ambulance that was assigned to the Point of Rocks Fire Station.
- Began the project to replace the MDT's in all the fire apparatus, ambulances, and Chief's and Duty vehicles. This is a 3-year program. Evaluations began on a suitable replacement to the current CF-53 computers that will soon become obsolete because of the computers operating system and CAD upgrade replacement.
- Selected the Panasonic CF-20 computer as a replacement for the tablets used for the completion of EMS Reports. These computers have been purchased and placed on the ambulances.
- The EMS Billing Program generated \$5.5 million dollars in revenue, which \$1.2 of this was distributed to the various Fire/EMS Companies. The remainder is used to offset personnel cost of ALS and BLS personnel.

#### **Accomplishments (continued)**

- The Equipment Technician and members of the Special Projects Group, assisted with the county-wide ladder testing for all ladders used in the fire service. Because of the training they received previously from Alcoa Ladder, Inc., they were able to complete all the repairs in house, saving the county thousands of dollars in repair and replacement cost.
- The Equipment Technicians and the Special Projects Group completed the annual pumps test and equipment inspections of all fire apparatus and ambulances. In addition, all vehicles were weighed to ensure compliance with the gross vehicle weight limitations.
- The Breathing Apparatus Technicians completed hydrostatically testing 1,400+ high pressure breathing air cylinders used with the SCBA; a multi-year process due every 5 years. In addition, annual SCBA performance flow testing of the 700+ SCBA and RIT-packs and semi-annual battery replacement for the SCBA.
- Established a contract with O2X Human Performance to provide a health and wellness program for our firefighters. O2X is out of Scituate, MA and provides a Human Performance Specialist who is on-site to develop our program and work with our firefighters at the Training Academy and in the fire stations.
- Completed work on a Master Plan of the Frederick County Public Safety Training Facility for future expansion.





New Tanker 33



One of 4 new Pierce Enforcer Pumpers



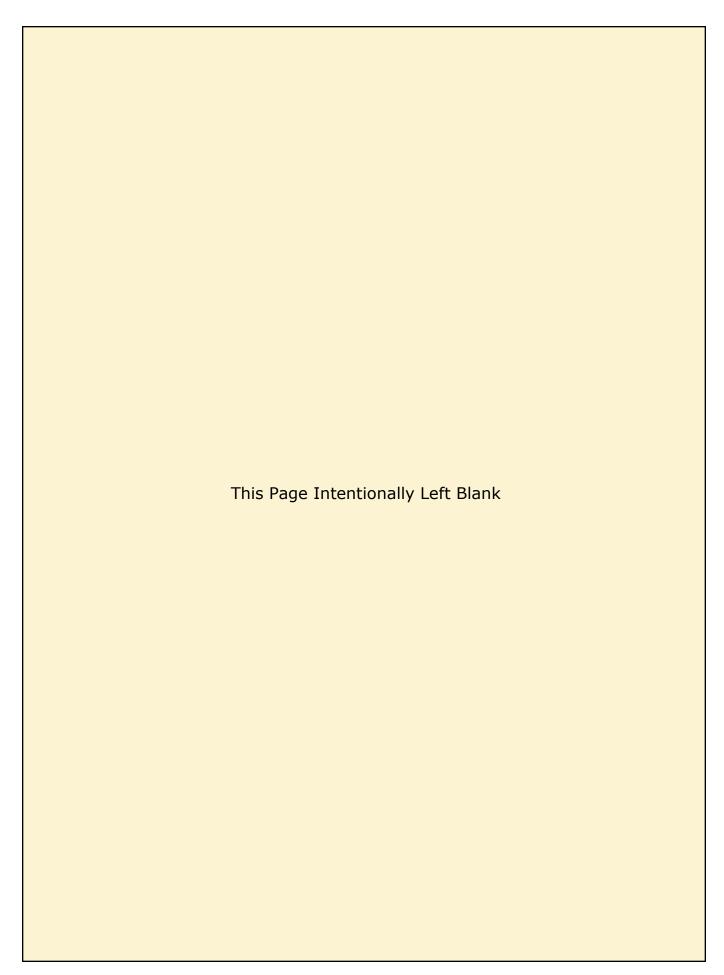
Truck 7 – Assigned to the Middletown Fire Station



The new Middletown Fire Station #7



The proposed Northgate Fire Station #29



The goal of the Frederick County Fire Marshal's Office is to protect life and property, and to foster a fire-safe environment through engineering, education, and enforcement. The Fire Marshals are responsible for providing fire, life safety, and other code enforcement and investigative activities throughout Frederick County and its municipalities.

The Office of the Fire Marshal is comprised of two sections: Code Enforcement and Investigations. Fire Marshals are certified in Code Enforcement; they are Certified Fire and Explosion Investigators (CFEI) through the National Association of Fire Investigators; and they are certified Fire Investigation Technicians (FIT) through the International Association of Arson Investigators. Each of these certifications requires proficiency and competency in all phases of code enforcement and investigation through successful completion of "handson" skills testing, a written examination process, and continuing education.

All personnel assigned to the Office of the Fire Marshal are appointed by the Maryland State Fire Marshal as Special Assistant State Fire Marshals/Investigators.

#### **Code Enforcement Section**

The goal of the Code Enforcement Section is to ensure public safety and welfare through compliance with various fire and life safety code regulations. There are over 7,000 properties subject to inspection throughout Frederick County. Fire Marshals conduct fire and life safety inspections in accordance with the Frederick County and Maryland State Fire Prevention Codes. A Fire Marshal is on call 24 hours a day, seven days a week to handle emergent code enforcement and other complaints and investigations.

The most common hazards noted during regular fire and life safety inspections include lack of properly maintained fire suppression and detection systems, lack of properly maintained smoke alarms, obstructed sprinkler heads and fire department connections, blocked exits, overcrowded conditions, excessive storage, improper use of extension cords, electrical deficiencies, non-working emergency lighting and exit signs, and crowd management deficiencies.

The Office of the Fire Marshal prioritizes inspections by the potential for loss of life or injury. Public assembly buildings, which include restaurants, meeting halls, churches, public and private schools, and apartment buildings, represent the greatest threat to life safety. All buildings must comply with the Fire Prevention Code with the exception of one and two-family dwellings. Checks of mercantile properties, which tend to become overcrowded and/or overstocked during peak holiday shopping periods, are usually performed during the holidays.

The Office of the Fire Marshal is also required to inspect facilities, throughout the county, which have a liquor license, all government owned buildings, certain State-licensed buildings and premises, which include migrant labor camps, day camps, trailer parks, home adoptions, and assisted living facilities in single family homes. Certain special events, such as the Fourth of July celebration in Baker Park, In the Streets, and the Great Frederick Fair, are also inspected by this office. Fire Marshals also investigate complaints for vacant buildings and excessive vegetation and work with property owners to secure structures and/or gain code compliance. Additionally, any request for a Building Inspector after normal business hours is handled by the Office of the Fire Marshal, with the exception of requests originating within the City of Frederick.

### **Investigations Section**

#### Internal Investigations

From time to time, the Office of the Fire Marshal is required to perform internal investigations to assure that the County's and the Division's policies and procedures address the needs of the citizens and the fire/rescue and EMS services as a whole.

#### Origin and Cause Investigations

Maryland law requires that all fires and explosions be investigated in order to establish the cause. The Office of the Fire Marshal works with the Maryland State Fire Marshal's Office and other law enforcement agencies as needed when conducting origin and cause investigations. Origin and cause investigations are conducted in accordance with the Memorandum of Understanding (MOU) that was developed in the Fall of 2010 and is working well. The MOU pools resources together from the Frederick County Fire Marshal's Office, the Frederick County Sheriff's Office, and the Maryland State Fire Marshal's Office; thus creating the *Frederick County Fire Investigation Taskforce*.

The information that is obtained by conducting origin and cause investigations may point to a need to educate the public or business community, demonstrate or identify potential design or equipment defects, correct code deficiencies, or cause recommended code modifications.

<u>Description</u>	Actual <u>FY17</u>	Actual FY18	Actual FY19	ı	Approved Budget <u>FY20</u>
Number of Personnel	4	4	4		4
Expenditures:					
Salary & Wages	\$ 325,799	\$ 356,627	\$ 340,238	\$	360,707
Overtime	\$ 4,284	\$ 2,876	\$ 4,853	\$	17,078
Health Insurance	\$ 74,031	\$ 74,954	\$ 75,754	\$	77,953
OPEB	\$ 18,960	\$ 19,248	\$ 21,264	\$	20,256
Dental Insurance	\$ 228	\$ 240	\$ 240	\$	240
Social Security/Medicare	\$ 23,958	\$ 26,191	\$ 25,053	\$	28,900
Retirement	\$ 63,899	\$ 66,807	\$ 68,956	\$	60,238
Unemployment Cont.	\$ 205	\$ 305	\$ 204	\$	204
Workman's Comp.	\$ 29,765	\$ 23,476	\$ 15,304	\$	25,195
Life Insurance	\$ 1,007	\$ 1,031	\$ 1,077	\$	1,194
Total Salary & Fringes	\$ 542,135	\$ 571,755	\$ 552,942	\$	591,965
Operating Costs:					
Medical (Physicals)	\$ -	\$ -	\$ -	\$	2,763
Radio Maint	\$ 29	\$ 1,174	\$ 375	\$	67
Telephone Base/Activity	\$ 2,515	\$ 2,566	\$ 2,401	\$	2,360
Wireless Communications	\$ 4,584	\$ 4,741	\$ 4,293	\$	7,810
Postage	\$ 13				
Dues/Subscriptions	\$ 1,686	\$ 2,103	\$ 2,773	\$	2,430
Uniforms/Safety Shoes	\$ 3,231	\$ 1,671	\$ 2,126	\$	7,607
Computer S/W and H/W	\$ -	\$ 458	\$ 373	\$	3,500
Non Capital Equipment	\$ 5,573	\$ 4,197	\$ 1,992	\$	8,450
Total Operating Expenses	\$ 17,632	\$ 16,910	\$ 14,332	\$	34,987
Total Budget	\$ 559,767	\$ 588,666	\$ 567,275	\$	626,952

### **Fire Fatalities**

Date	Address	Cause	Victim	<b>Total Dollar Loss</b>
July, 2019	Burgess Hill Way	Accidental	65 Yr. Old Male	\$2,000.00
December 2019	Wilson Place	Accidental	34 Yr. Old Female	\$55,000.00





# **Costliest Fires of 2019**

Date	Address	Zip Code	Cause	Total Loss
4/5/2019	Rocky Ridge Road, Thurmont	21788	Undetermined	1,000,000.00
6/7/2019	Carrollton Drive, Frederick	21701	Accidental	1,000,000.00
7/28/2019	2622 Warren Way	21701	Undetermined	800,000.00
12/29/2019	8/10 E. Main Street, Burkittsville	21718	Under Investigation	750,000
6/21/2019	2600 Carrington Way	21702	Accidental	600,000
2/7/2019	11849 Renner Road, Keymar	21757	Undetermined	500,000
6/17/2019	6347 Debold Road, Sabillasville	21780	Undetermined	350,000
2/3/2019	14 W. Potomac Street, Brunswick	21716	Undetermined	300,000
5/22/2019	506 W. Patrick Street, Frederick	21701	Accidental	300,000
12/25/2019	6212 Woodville Road, Mount Airy	21771	Undetermined	250,000
12/20/2019	8026 Old Reciever Road	21702	Accidental	200,000
3/31/2019	120006 Gambrill Park Road, Myersville	21773	Undetermined	150,000
11/11/2019	9128 Bowling Green Drive, Urbana	21704	Accidental	150,000
11/27/2019	540 Ellison Court, Frederick	21702	Accidental	150,000
12/4/2019	6610 Edgewood Road, New Market	21774	Incendiary	150,000
2/9/2019	Good Intent Road, Union Bridge	21791	Accidental	135,000
2/7/2019	14333 Harrisville Road, Mount Airy	21771	Undetermined	100,000
3/2/2019	16636 Buck Lantz Road, Sabillasville	21780	Accidental	100,000
11/28/2019	13 Main Street, Myersville	21773	Undetermined	100,000
3/6/2019	112 Wheeler Lane, Frederick	21702	Accidental	75,000
3/20/2019	14442 Ridenour Road, Smithsburg	21783	Undetermined	75,000
4/18/2019	10708 Old Annapolis Road, Frederick	21701	Undetermined	75,000
4/10/2019	19 Robindale Drive, Emmitsburg	21727	Undetermined	65,000
12/10/2019	1217 Wilson Place, Frederick MD	21702	Accidental	55,000
4/3/2019	14833 N Franklinville Road, Thurmont	21788	Undetermined	50,000
2/14/2019	13521 Good Intent Road, Union Bridge	21791	Undetermined	40,000
			TOTAL	7,520,000

# **Calls for Service**

MAIN CALL TYPE	SUB CALL TYPE	COUNTS 2019
Administrative		4
Assist Individual		1
Assist Other Agency		1
Assist Other Agency	Police—Frederick City Police Department	1
Assist Other Agency	Police—Frederick County Sheriff's Office	1
Assist Other Agency	City of Frederick Office of Life Safety	2
Assist Other Agency	Frederick County Office of Life Safety	1
Assist Other Agency	Maryland State Fire Marshal's Office	4
Assist Other Agency	Not Specified	12
Building Inspector		8
Burn Injury		6
Burn Injury	Burn by Fire	12
Burn Injury	Burn by Other Means	6
Burn Injury	Chemical Burn	1
Burn Injury	Electrical Burn	1
Complaint—Investigative	Blighted Property	4
Complaint—Investigative	Building Case	4
Complaint—Investigative	Egress Obstructed	3
Complaint—Investigative	Fire Hydrant Blocked	2
Complaint—Investigative	Fire Lane Violation	1
Complaint—Investigative	Overcrowding	2
Complaint—Investigative	Overgrown Vegetation	10
Complaint—Investigative	Unsafe Condition	9
Complaint—Investigative	Vacant Building	1
Complaint—Investigative	Not Specified	11
Consult	Capacity Certificate Verification	5
Consult	Fire Code Related Matter	20
Consult	Special Event	1
Consult	Not Specified	3
Court	Criminal Court	1
Education / Outreach		4
Follow Up	Building Case	5
Follow Up	Egress Obstructed	2
Follow Up	Fire Hydrant Blocked	1
Follow Up	Not Specified	24
Information Provided		20
Inspection—Initial	Apartment Building / Condo	3
Inspection—Initial	Assembly	20
Inspection—Initial	Business	16
Inspection—Initial	Camp—Day / Labor / Overnight	22

# **Calls for Service**

MAIN CALL TYPE	SUB CALL TYPE	COUNTS 2019
Inspection—Initial	Church—Religious Facility	79
Inspection—Initial	Daycare Commercial	47
Inspection—Initial	Daycare in Home	212
Inspection—Initial	Detention and Correctional	1
Inspection—Initial	Dwelling—One & Two Family	2
Inspection—Initial	Education Private School	10
Inspection—Initial	Education Public School	69
Inspection—Initial	Education University / College	6
Inspection—Initial	Fireworks Display	42
Inspection—Initial	Foster Care / Adoption	56
Inspection—Initial	Group Home—Medical /Treatment / Rehab	11
Inspection—Initial	Healthcare	16
Inspection—Initial	Hotel / Dormitories	27
Inspection—Initial	Liquor Board / Establishment	19
Inspection—Initial	Liquor Board / Special Event	11
Inspection—Initial	Medical Facility—Doctor / Treatment	1
Inspection—Initial	Mobile Food—Truck / Trailer / Unit	23
Inspection—Initial	Nursing Home / Assisted Living facility	5
Inspection—Initial	Special Event Public	10
Inspection—Initial	Not Specified	1
Inspection—Reinspect	Apartment Building / Condo	6
Inspection—Reinspect	Assembly	13
Inspection—Reinspect	Business	8
Inspection—Reinspect	Camp—Day / Labor / Overnight	2
Inspection—Reinspect	Church—Religious Facility	37
Inspection—Reinspect	Daycare Commercial	6
Inspection—Reinspect	Daycare in Home	20
Inspection—Reinspect	Detention and Correction	1
Inspection—Reinspect	Education Private School	2
Inspection—Reinspect	Education University / College	2
Inspection—Reinspect	Foster Care / Adoption	7
Inspection—Reinspect	Group Home— Medical / Treatment / Rehab	1
Inspection—Reinspect	Healthcare	5
Inspection—Reinspect	Hotel / Dormitories	25
Inspection—Reinspect	Liquor Board / Establishment	5
Inspection—Reinspect	Mercantile	3
Inspection—Reinspect	Mobile Food—Truck / Trailer / Unit	4
Inspection—Reinspect	Nursing Home / Assisted Living	1
Inspection—Reinspect	Special Event Public	1
Inspection—Reinspect	Storage Facility	2

# **Calls for Service**

MAIN CALL TYPE	SUB CALL TYPE	COUNTS 2019
Inspection Follow Up	Apartment Building / Condo	1
Inspection Follow Up	Assembly	2
Inspection Follow Up	Business	1
Inspection Follow Up	Church—Religious Facility	2
Inspection Follow Up	Daycare in Home	2
Inspection Follow Up	Group Home—Medical / Treatment / Rehab	1
Inspection Follow Up	Liquor Board / Special Event	1
Inspection Follow Up	Mobile Food—Truck / Trailer / Unit	2
Inspection Follow Up	Special Event Public	2
Inspection Follow Up	Not Specified	1
Investigation / Criminal	Bomb / Bombing / Bomb Threats	1
Investigation / Criminal	Fire	5
Investigation / Criminal	Not Specified	1
Investigation / Follow Up		53
Investigation / Miscellaneous	Explosive	3
Investigation / Miscellaneous	Fire	51
Investigation / Miscellaneous	Not Specified	3
Knoxbox	Consultation	2
Knoxbox	Key Install	11
Knoxbox	Service / Repair	3
Meeting	Consult	10
Meeting	Miscellaneous	1
Meeting	Progress	1
Meeting	Project	1
Meeting	Special Event	4
Meeting	Not Specified	1
Miscellaneous		17
Notification		75
Review	Fireworks	1
Review	Site Plan	1
Special Assignment		1
Special Event		9
Special Project		5
System Activation	Fire Alarm System	2
System Activation	Sprinkler Activation	3
System Out of Service	Cooking Suppression System	3
System Out of Service	Fire Alarm System	41
System Out of Service	Sprinkler System	37
System Out of Service	Not Specified	2
Training		9
	TOTAL NUMBER OF CALLS	1,426

### **Emergency Services**

The largest section within the Division of Fire and Rescue Services is the Emergency Services Section (ESS). The ESS is made up of:

1 Deputy Chief
9 Battalion Chiefs
24 Captains
56 Lieutenants
262 Firefighters
46 Paramedic/Firefighters

The ESS is responsible for emergency medical services, fire suppression, mitigation of disasters, as well as special operations, training and professional services, safety and health and wellness. Everyone in the ESS is committed to providing 100% customer satisfaction in all that they do. Personnel assigned to the ESS spend countless hours maintaining an exceptional state of readiness so that they can respond to customer requests for assistance (YOUR EMERGENCY) without fail.

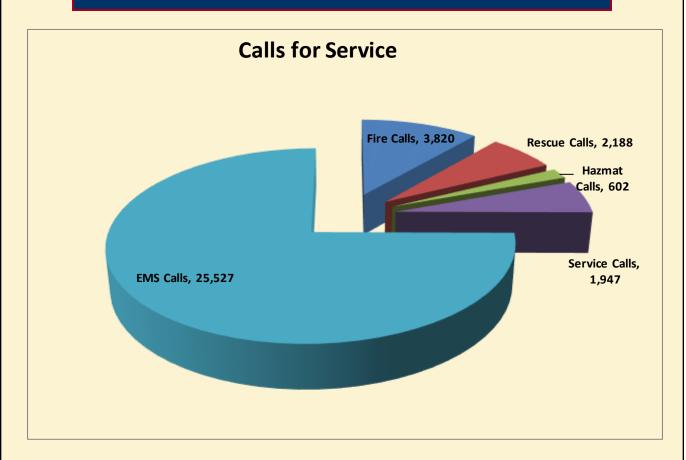
To assist in accomplishing their goals, the dedicated men and women in the ESS spend many hours each day mapping emergency routes, pre-planning firefighting strategies in structures of all shapes and sizes, maintaining fire stations and the emergency vehicles housed in them, and maintaining the equipment that is used on a daily basis. Additionally, time is spent in training their minds and bodies for the physical and mental demands of emergency medical service.

ESS employees regularly complete additional formal training beyond what is provided to them in the recruit training academy. As they seek to promote up the ranks from Firefighter to Chief Officer, many hours of additional advanced level training is required. Those wishing to become Paramedics must complete a yearlong medical program that encompasses more than 1500 hours of advanced level training. Those wishing to become members of our Special Operations Teams must complete specialized and highly technical training to become certified in the disciplines required of those team members. We also have members who want to help their fellow firefighters in their time of need, the job of a firefighter can be extremely stressful which can lead to Post-Traumatic Stress, so we have members who complete specialized training in the area of Critical Incident Stress Management to provide help to those in need. Last, but not least, all of the ESS employees must maintain their certifications in EMT, Paramedic, CPR and AED. Those in specialty positions must also maintain their specialty certifications and in addition to maintaining those, they must also train in the station daily to remain proficient in their everyday fire, rescue and EMS skills.

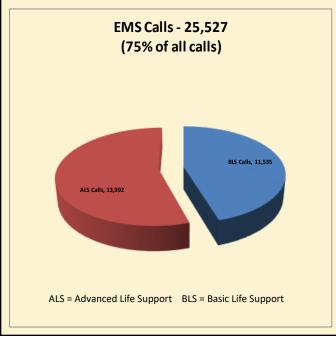
# Emergency Services FY 2020 Fiscal Plan

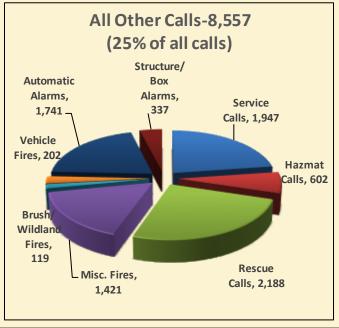
<u>Description</u>		Actual <u>FY17</u>	Actual FY18	Actual <u>FY19</u>	Approved Budget <u>FY20</u>
Number of Personnel		380	392	404	436
Expenditures:					
Salary & Wages	\$	22,525,780 \$	23,609,201 \$	25,480,801 \$	29,656,335
Overtime	\$	3,125,507 \$	3,742,858 \$	4,731,710 \$	2,113,155
Health Insurance	\$ \$ \$ \$ \$	4,274,810 \$	4,543,510 \$	5,008,393 \$	5,668,026
OPEB	\$	1,606,860 \$	1,689,012 \$	1,974,894 \$	2,207,904
Dental Insurance	\$	14,716 \$	15,778 \$	17,704 \$	19,200
Social Security/Medicare	\$	1,860,008 \$	1,987,517 \$	2,202,680 \$	2,190,807
Retirement	\$	4,157,666 \$	4,493,277 \$	4,860,272 \$	4,537,671
Retirement - City of Frederick		\$	40,735 \$	31,663 \$	-
Unemployment Cont.	\$	17,707 \$	19,596 \$	21,713 \$	22,236
Workman's Comp.	\$ \$ \$	3,109,152 \$	2,392,557 \$	1,788,618 \$	2,724,408
Life Insurance		65,697 \$	69,856 \$	76,410 \$	90,381
Total Salary & Fringes	\$	40,757,903 \$	42,603,897 \$	46,194,858 \$	49,230,123
Operating Costs:					
Operating Costs:	ć	352,949 \$	294,690 \$	342,493 \$	4E2 000
Medical (Physicals)	ې د	•	•		452,888
Qualification Testing	\$ \$ \$	110 \$ 18,527 \$	7,982 \$ 15,250 \$	21,208 \$ 21,925 \$	15,350
Employee Drug Testing	Ş	خ / 10,527 خ	24,373 \$	46,173 \$	12,000 60,956
Computer Serv/Maint/License Equipment Maint Contracts	ć	53,137 \$	61,304 \$	66,086 \$	73,921
Radio Maint	ې د	3,096 \$	4,444 \$	1,052 \$	1,200
Fleet Charges	ې د	193,221 \$	246,357 \$	275,769 \$	177,969
Telephone Base/Activity	\$ \$ \$ \$ \$	6,172 \$	7,832 \$	6,695 \$	4,610
Wireless Communications	ې د	31,866 \$	19,785 \$	21,696 \$	44,120
Travel/Training	ې د	10,127 \$	81,687 \$	80,993 \$	204,042
Staff Mileage	Ą	10,127 \$	1,011 \$	2,251 \$	204,042
Training Materials		Ç	1,011 \$	119 \$	
Contracted Services	ċ	61,051 \$	125,093 \$	71,285 \$	115,800
Dues/Subscriptions	ې د	563 \$	4,601 \$	141 \$	700
Equipment Rental	ې د	- \$	4,001 \$ - \$	- \$	700
Uniforms/Safety Shoes	\$ \$ \$	511,633 \$	415,389 \$	1,574,746 \$	2,058,101
Nonexpendable Supplies	Ą	311,033 \$ ¢	570 \$	3,225 \$	12,500
Medical/Surgical Supplies	ċ	142,010 \$	182,520 \$	191,854 \$	185,396
Misc. Supplies	ې د	9,956 \$	9,176 \$	5,942 \$	7,700
	ې د				
Non Capital Equipment Fleet Fuel	\$ \$ \$ \$ \$	27,091 \$ 69,433 \$	38,564 \$ 89,478 \$	53,559 \$ 94,006 \$	59,214
	ې د	•		•	47,018
Office Supplies	ç	1,422 \$ 349,180 \$	2,151 \$	326 \$ - \$	1,000
Fire/Rescue Apparatus	<u>\$</u> \$		349,180 \$	T.	2 524 405
Total Operating Expenses	\$	1,841,543 \$	1,981,439 \$	2,881,542 \$	3,534,485
Total Budget	\$	42,599,446 \$	44,585,336 \$	49,076,400 \$	52,764,608

# **Total Calls for Service Calendar Year**

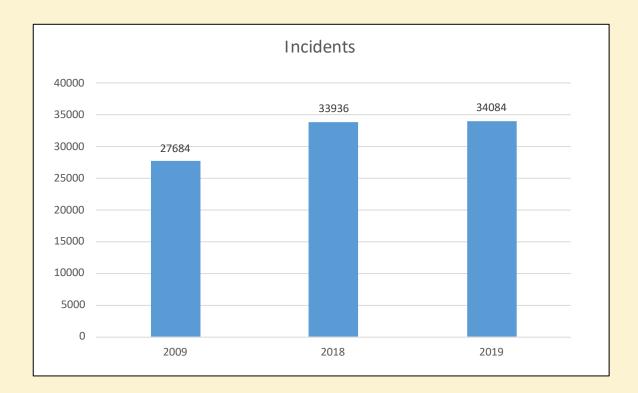


# **Call Breakdown**





# **Incidents**



# **2019 Unit Activity**

### **EMS Units**

Number	s account for i	incidents that units statused enroute or arrived to
Ambulance Companies		Advanced Life Support Units
3 - United	5215	Medic 2 4261
1 - Independent	4843	Medic 1 3061
2 - Juniors	3817	Medic 31 2430
31 - Westview	2500	EMS 901 (EMS Supervisor) 2251
24 - Walkersville	1407	Medic 20 1404
19 - Brunswick	1356	Medic 23 1362
30 - Thurmont	1239	Medic 30 1178
15 - New Market	1063	Medic 17 1099
6 - Vigilant	1036	Medic 8 632
23 - Urbana	1000	EMS 902 (EMS Supervisor) 243
33 - Spring Ridge	923	MCH901 148
25 - Green Valley	814	Medic 40 42
8 - Myersville	695	FD110 (EMS Battalion Chief) 34
12 - Braddock Heights	655	
7 - Middletown	634	
20 - Jefferson	623	
14 - Carroll Manor	549	
16 - Woodsboro	543	
17 - Libertytown	470	
22 - Lewistown	458	
28 - Point of Rocks	204	

## 2019 Unit Activity (continued)

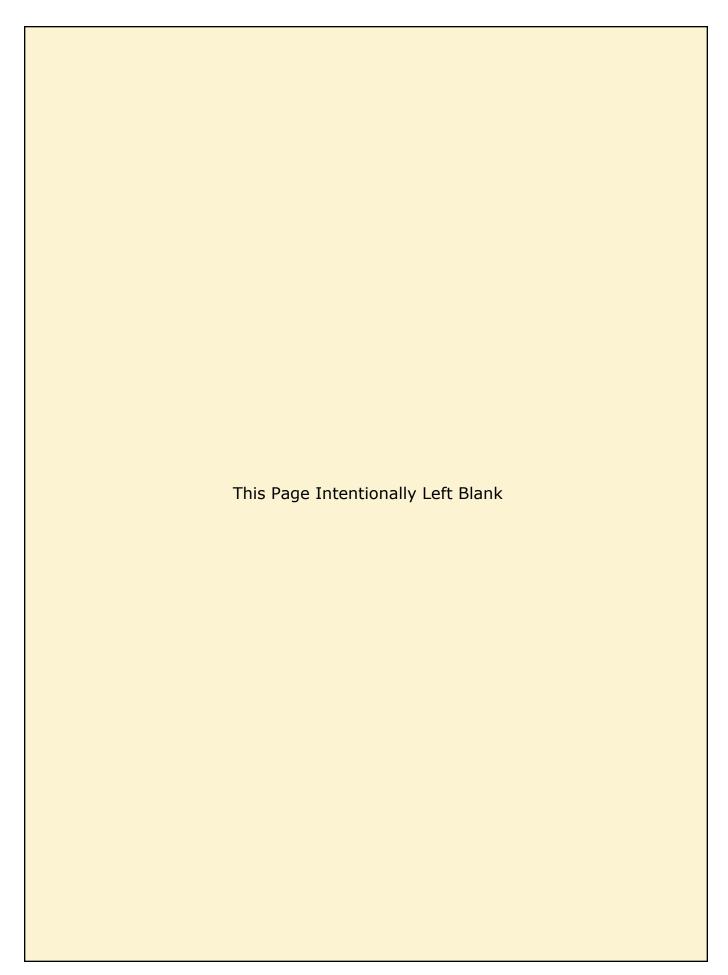
### **Fire Units**

Numbers acco	ount for inc	dents that units statused enrout	e or arrived to	)
Engine Compan	ies*	Truck Compa	nies	
3 - United	1727	4 - Citizens	1081	
1 - Independent	1673	23 - Urbana	320	
2 - Junior	1658	11 - Walkersville	230	
31 - Westview	1653	6 - Vigilant	141	
23 - Urbana	700	14 - Carroll Manor	131	
15 - New Market	604	7 - Middletown	119	
5 - Brunswick	560	1 - Independent	78	
8 - Myersville	516	5 - Brunswick	77	
33 - Spring Ridge	510			
12 - Braddock Heights	504			
25 - Green Valley	426			
7 - Middletown	324			
14 - Carroll Manor	287			
11 - Walkersville	275			
20 - Jefferson	274			
6 - Vigilant	244			
10 - Guardian	243			
16 - Woodsboro	236			
17 - Libertytown	171			
13 - Rocky Ridge	130			
28 - Point of Rocks	77			
22 - Lewistown	71			
18 - Graceham	65			
9 - New Midway	62			
21 - Wolfsville	58			
* = Includes all E, RE an	nd ET assign	ed		

## 2019 Unit Activity (continued)

## Fire Units (continued)

Numbers account for incidents that units statused enroute or arrived to									
Rescue Compa	nies	Tankers			Brush Units				
3 - United	710	22 - Lewistown **	122		11 - Walkersville	177			
5 - Brunswick *	421	11 - Walkersville *	- Walkersville * 108		17 - Libertytown	125			
15 - New Market	404	6 - Vigilant	96		15 - New Market	86			
8 - Myersville *	239	20 - Jefferson *	75		10 - Guardian	61			
2 - Juniors	176	17 - Libertytown	62		22 - Lewistown	50			
7 - Middletown *	170	10 - Guardian *	59		1 - Independent	43			
10 - Guardian	157	18 - Graceham *	57		5 - Brunswick	39			
20 - Jefferson	152	23 - Urbana *	53		21 - Wolfsville	39			
14 - Carroll Manor	114	1 - Independent	- Independent 47		3 - United	38			
6 - Vigilant	101	13 - Rocky Ridge *	40		6 - Vigilant	36			
24 - Walkersville	96	7 - Middletown	39		7 - Middletown	34			
19 - Brunswick	44	9 - New Midway	38		28 - Point of Rocks	31			
17 - Libertytown *	37	21 - Wolfsville	30		23 - Urbana	21			
		5 - Brunswick	25		9 - New Midway	18			
* = Rescue Engines					8 - Myersville	16			
		* = Engine Tankers			20 - Jefferson	16			
		** = Includes T and	ET		13 - Rocky Ridge	13			
					12 - Braddock Heights	11			
					18 - Graceham	11			
					14 - Carroll Manor	10			
	25 - Green Valley 0								



## **Emergency Services Section Emergency Medical Services Office**

The Emergency Medical Services (EMS) Section of Emergency Service is designated as the EMS operational program for Frederick County by the Maryland Institute of Emergency Medical Services Systems (MIEMSS) and the Maryland EMS Board (EMS Board). This designation establishes the authority for EMS operations and quality improvement programs within Emergency Services for Frederick County.

As an EMS operational program, the EMS Section is responsible for the administration, supervision, and medical direction of all pre-hospital EMS providers and EMS operational units in the county. The local program Medical Director is an integral part of the operation of emergency medical services, and serves as an advisor on all matters related to the provision of emergency pre-hospital care, and provider remediation and advanced practice skills.

During 2019, over 35,000 patients were assisted by the Emergency Medical Services providers of Frederick County, and over 29,000 of those patients were transported to the hospital. The average times for these calls from time of dispatch were:

- 6 minutes to the arrival of an EMS unit
- 31 minutes until arrival of the patient at the hospital
- 21 minutes until the EMS unit is back in service

Advanced Life Support (ALS) operations are supervised on a daily basis by a Battalion Chief, with guidance from the ALS Management Committee. The ALS Management Committee meets once a month to review ALS operations, and to discuss operational issues or concerns and make recommendations for system improvement. This committee is chaired by the Battalion Chief and has representation from several different stakeholder groups.

Two EMS supervisors are assigned to each rotating shift and are responsible for the ALS function of paramedics working on their shift. In addition to handling inquiries from patients, relatives, nursing homes, hospital staff, or physicians related to patient care or EMS operations, they serve as the 24-hour contact for field personnel when ALS operational questions or unique situations occur. They provide guidance and assistance to all field providers whenever necessary. The EMS supervisors also serve as EMS coordinators to the incident commander on large-scale accidents or events, and handle the rehabilitation area for complex incidents involving multiple companies or during adverse weather conditions. All of the supervisors are Paramedic-level providers and are capable of assisting at that level on EMS incidents. They are frequently called upon to respond as an additional medic unit in support of EMS operations when call demand is high.

Frederick County has a Medical Review Committee (MRC) which is organized through MIEMSS and is a requirement under Maryland Title 30 for all EMS operational programs. The purpose of the MRC is to provide independent review of EMS incidents that may require corrective action or input from the Medical Director. The MRC is also required to have a continuous quality improvement program, which is an essential part of all EMS programs. All incidents involving patients with immediately life-threatening illnesses or traumas are reviewed for compliance with medical protocols and established standards of care. A random selection of approximately 60% of all other less serious patient contacts were also reviewed in the same manner to insure quality patient care and adherence to medical standards of practice.

### Emergency Services Section Emergency Medical Services Office (continued)

All medic units are equipped to comply with the MIEMSS standards for the "Seal of Excellence." This approval means that the staff has the equipment, medications and supplies to perform all skills and interventions permitted in the Maryland Medical Protocols for pre-hospital providers, and that the staff conforms to their standards.

Frederick County EMS units work in conjunction with the Maryland State Police Aviation program and other medevac helicopter providers. Helicopter requests are coordinated through the Emergency Medical Resource Center (EMRC) located at MIEMSS in Baltimore. EMRC dispatches helicopters based on geographical information, patient-injury type, and the status of the helicopter fleet. Critically injured patients are airlifted directly from the scene of an injury to specialized trauma and specialty care centers around the state.



## Emergency Services Special Operations—2019

### Budget Account Strings

Description	FY20 Amended Budget
Advanced Technical Rescue Team	\$17,653
Dive Team	\$12,831
Hazmat Team	\$25,043
Wildland Team	\$2,396
Total	\$57,923

### ➤ Call Statistics by Specialty Team – Annual

Specialty	Number of Incidents
Advanced Technical Rescue	36
Dive	10
Hazmat	89
Tactical EMS Deployments (TEMS)	41
Water	45
Wildland	2
Total	223
Unmanned Aircraft System (Drone)	67.5 flight hours

### > Advanced Technical Rescue, Calls by Discipline

Call Type	Number of Calls
Rope	15
Water	14
Mud	1
Large Animal	0
Confined Space	1
Trench	0
Structural Collapse	5
Total	36

# Emergency Services Special Operations—2019 (continued)

### > Water Rescue, Calls by Unit

Unit	Number of Calls
Boat 2	19
Boat 14	14
Boat 15	15
Boat 16	3
Boat 19	22
Boat 27 *	5
Air Boat 28	7
Dive Unit	12
Total	97

<sup>\*</sup>Boat 27 is primarily used for DFRS training, but is also placed in-service for operational response during known weather events.

### > DFRS Annual Team Training Hours by Discipline

Discipline	Training Hours
Boat Operations	440
Confined Space Rescue	1,400
Ice Rescue	350
Hazmat	3,420
Rope Rescue	2,664
Trench Rescue	1,050
Water Rescue	850
Total	10,174

<sup>\*</sup>This does not include station drills or instructor development / continuing education

## **Emergency Services Section Training Office**

The Frederick County Public Safety Training Facility (FCPSTF) is a multiagency ninety-seven acre training complex, managed by the Division of Fire and Rescue Services. The specially designed props and buildings are capable of supporting fire, rescue, Emergency Medical Services and law enforcement training requirements. These training props include a Class A Live Fire burn building and a five story training tower. The training tower offers the ability to perform various training skills on all levels of the building such as multi-level operations, confined space rescue and high angle rescue. Throughout the year, several props were repaired and various upgrades to existing props were completed to expand our training capabilities. In addition to Frederick County agencies, the training center staff and facility continues to support local, regional and out of state fire departments as well as National Institute of Standards and Technologies (NIST), the Maryland National Guard and the University of Maryland, Maryland Fire and Rescue Institute.

The main building of the Frederick County Public Safety Facility offers five classrooms, and one breakout room on the first floor. The EOC, Fire Marshal's Office and a conference room are also located on the first floor. DFRS has also collaborated with the Maryland Fire and Rescue Institute and now has the ability to offer National Registry EMT Pearson VUE testing for certification. The second floor has a sixty-person cafeteria/break area with refrigerators, microwaves and vending machines. DFRS Headquarters and Training Staff are located on the second floor. The third floor is occupied by Emergency Management and consists of Emergency Management and Emergency Communication offices along with the primary Emergency Communications Dispatch Center.

The Annex Building is nearing completion of a significant HVAC, ceiling, lighting and floor renovation. This building houses two classrooms, a fitness room, office space, locker and shower facilities, a commercial washer and dryer for cleaning personal protective equipment (PPE) as well as the apparatus bay where the PSTF Engines and an ALS unit are kept.



Public Safety Training Facility, 5370 Public Safety Place, Frederick, MD 21704

There are several exterior training props on the grounds that provide support to many different fire, rescue and law enforcement training activities. A structural burn building is available to conduct live fire training evolutions utilizing "Class A" materials to include wood pallets and pine straw. In addition, there is a full roof assembly on the top of the burn building that allows for simulated ventilation operations and smoke removal.

The "Lt. James Main Forcible Entry Prop" is an innovative and beneficial training aid that enhances student knowledge and skills in multiple forcible entry techniques required to gain entry through a variety of door and window locks.

A five-story tower building serves multiple roles to several agencies. The tower is used to simulate various operations in multi-level occupancies. It is also utilized to teach rappelling and high angle rope rescue operations. The structure features an office-like configuration on the second floor and an apartment-like setting on the third floor for simulated fire/rescue and law enforcement training. The fourth floor has a confined space training prop and the fifth floor has two "burned rooms" for Arson Detection and Fire investigation classes.



Firefighting water is provided from a two-acre pond. All water used on site for firefighting activities is supplied from this ecologically friendly pond. Fire hydrants used for training activities are supplied from the pond, and all water used for training purposes is re-circulated on the property. The pond serves as a renewable resource and is a thriving ecological part of the storm-water-management system on the site.

The maze building is used to train firefighters to find their way about in total darkness, around and through obstructions. The primary purpose of this facility is to strengthen the firefighter's ability to use breathing apparatus and to build confidence when working in dark and unfamiliar surroundings. Multiple configurations with varying levels of difficulty can be obtained by opening or securing different doors. There are two hydraulic floor collapse props incorporated into the maze that allow for realistic, safe "lean to" and "pancake" style collapses. The maze is equipped with monitoring areas for the instructors to oversee student progress and emergency egress points in the event of an emergency.

A roof prop was built by DFRS personnel that affords personnel realistic vertical ventilation training in a low risk environment. This prop has three different style roof pitches and personnel can use hand tools as well as powered saws when training.



Throughout 2019, the DFRS Training Section was responsible for training three recruit classes with more than 78 recruits, two Paramedic Classes with 17 students and conducted In-Service training for all of our unformed personnel which included department wide Live Fire Training evolutions. The Work Performance Evaluation, an incumbent physical agility/capability test, was reinstituted and more than 450 uniformed personnel were tested. Training Staff assisted the Gear Up Program with delivery of entry level training for more than 200 volunteers. In addition to this, the Training Section provided Stop the Bleed and CPR instruction in support of Community Outreach Programs.

### **Recruit Academy**

On May 10, 2019 and again on September 27, 2019, Frederick County graduated a combined total of 46 firefighter/EMT's. On October 27, 2019 Frederick County's 26<sup>th</sup> Recruit Class began its Academy. The job application process required each candidate to pass a written test, successfully complete a physical agility test and undergo a complete physical and psychological evaluation, as well as a comprehensive background investigation.

The 28 week academy is structured to ensure each recruit is trained in the various facets of fire and rescue to include a structured and rigorous physical training program. The Academy consists of CPR, Firefighter I, Hazardous Materials Operations, Rescue Technician Site Operations and Vehicle, Machinery and Equipment, Firefighter Survival and Rescue, Arson Detection for the First Responder, National Registry Emergency Medical Technician, Emergency Vehicle Operator, Truck Company Fireground Operations, Firefighter II and Car Safety Seat Technician. Each recruit completes nearly 1000 hours of training prior to graduation from the academy.





### **EMS Training Programs**

EMS Training Programs completed two major accomplishments in 2019. Through the hard work and dedication of the EMS Training Staff, Frederick County was the only jurisdiction in the state to have a 100% pass rate for National Registry EMT Testing and is one of very few Fire Departments in the United States that has achieved and maintained institutional accreditation by CoAEMSP and CAAHEP for Frederick County's Paramedic Education Program.

Paramedic Class 5 graduated in November with ten students. Simultaneously through the last quarter of Paramedic Class 5, the EMS Training Staff began the intensive process for planning an off-cycle Paramedic class as well as selecting Paramedic Class 6 students. This course is an extremely difficult academic program for our employees to advance from an Emergency Medical Technician to the level of Paramedic. This training process is approximately 1500 hours of classroom and clinical hours where students learn anatomy, pharmacology, cardiology, advanced emergency medical procedures, and invasive life saving techniques.

Emergency medical care is an evidence based practice which is constantly evolving, requiring recertification and training on new techniques and medical advancements to meet required National Standards. Frederick County instituted an internally created recertification training for basic life support providers, ensuring the required skills and enhancements are delivered for our personnel. The training program met national criteria and was modified to meet the training needs identified through quality assurance evaluations.



**In-Service Training Programs** 

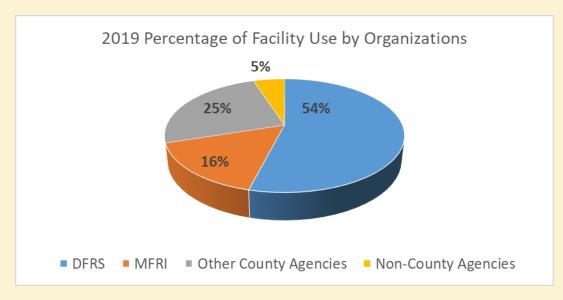
DFRS' In-Service Training Programs reached record levels in 2019. At the beginning of the year, the Annual Work Performance Evaluation was administered to our uniformed employees for the first time since 2012. This was followed by a three month endeavor to provide live fire training for our incumbent employees, a first for DFRS. Forcible entry training programs were delivered to various firehouses in the county through the use of portable training props. Within the Leadership Development Initiative, an Officer Candidate Course was provided for employees that successfully completed the Lieutenant's Promotional Process. The Division also achieved 100% successful completion of the Annual Compliance Training. In addition to these accomplishments, multiple certification courses in various emergency services disciplines were sponsored and delivered to the workforce.

The Training Staff continues to support our volunteer corporations delivering CPR Certification courses and live fire training evolutions at the PSTF as well as live fire training in acquired structures within the county.

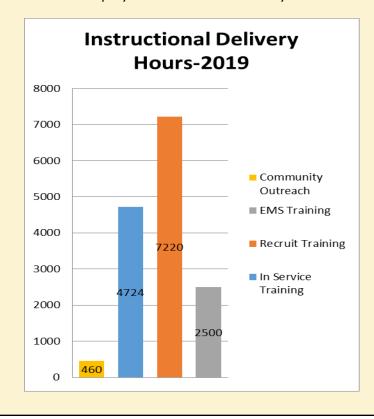
In Service Training programs continues to support rapidly increasing Community Outreach demands by providing training in Basic First Aid, Hands only CPR and Stop the Bleed to the residents and businesses in Frederick County.



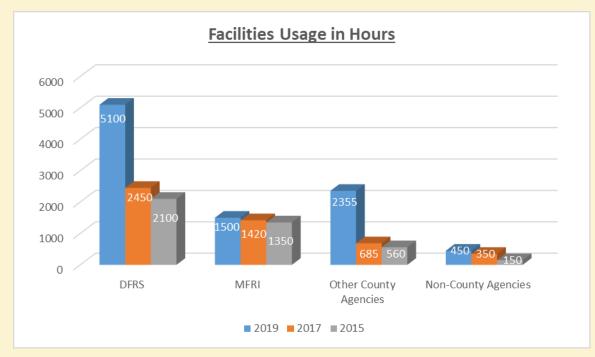
This chart reflects the percentages of time the training center was utilized by various agencies in the community and surrounding areas.



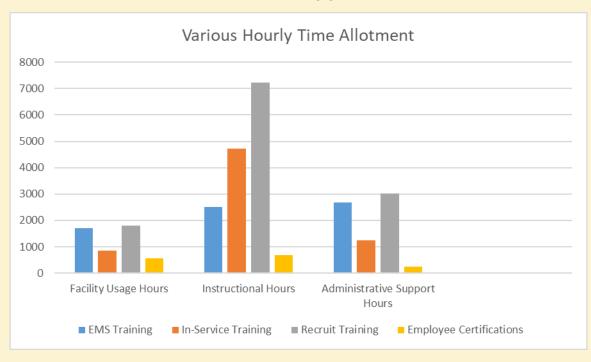
Instructional Delivery Hours is an estimate of the total instructional hours provided to teach and support the various courses and training events that were provided to DFRS employees and the community.



As reflected in this chart, the demands placed on the PSTF Facility by various agencies have increased greatly in just a 4 year time frame.



This chart reflects time allotted for DFRS employee training. It does not take into account the multitude of hours that are spent supporting all other agencies that utilize our classroom space and the training grounds.



This chart shows the number of non-EMS nationally recognized certifications that have been provided by the Training Staff.



### Emergency Services FY 2020 Fiscal Plan Training Office

<u>Description</u>		Actual <u>FY17</u>	Actual FY18	Actual <u>FY19</u>	Approved Budget FY20
Number of Personnel		7	7	7	7
Expenditures:					
Salary & Wages	\$	547,169	\$ 503,501	577,310	\$ 590,734
Overtime	\$	101,142	\$ 61,836	65,746	\$ 42,816
Health Insurance	\$	70,946	\$ 65,534	106,764	\$ 119,445
OPEB	\$	33,180	\$ 33,684	37,212	\$ 35,448
Dental Insurance	\$	306	\$ 263 \$	384 9	\$ 420
Social Security/Medicare	\$	47,729	\$ 40,435	46,653	\$ 48,466
Retirement	\$	106,720	\$ 93,727	113,349	\$ 97,161
Unemployment Cont.	\$	357	\$ 288 \$	341 9	\$ 357
Workman's Comp.	\$	65,539	\$ 43,153	32,154	\$ 53,745
Life Insurance	\$	1,696	\$ 1,463	1,803	\$ 1,956
Total Salary & Fringes	\$	974,784	\$ 843,884 \$	981,715	\$ 990,548
Operating Costs:					
Medical (Physicals)	\$	409	\$ - \$	- 9	\$ 1,800
F&R Propane	\$	5,324	\$ - \$	(1,104)	\$ 4,500
Equipment Maint./Repairs	\$	8,585	\$ 16,544	26,503	\$ 21,560
Radio Maint	\$	282	\$ - 5	480 9	\$ 2,000
Fleet Charges			\$ 2,465	- 9	\$ -
Telephone Base/Activity	\$	7,173	\$ 6,264	6,175	\$ 9,006
Wireless Communications	\$	4,312	\$ 4,016	4,407	\$ 5,150
Travel/Training	\$	114,508	\$ 18,803	20,880	\$ 20,000
Training Materials	\$	37,874	\$ 32,397	25,961	\$ 150,968
Contracted Services				9	\$ 150,000
Small Tools	\$	1,888	\$ 1,842	608 9	\$ 908
Uniforms/Safety Shoes	\$	2,995	\$ 3,639	2,809 9	\$ 2,798
Fleet Fuel			\$ 938 \$	- 9	\$ -
<b>Total Operating Expenses</b>	\$	183,351	\$ 86,909 \$	86,719	\$ 368,690
Total Budget	\$ :	1,158,135	\$ 930,793 \$	1,068,434	\$ 1,359,238

## Emergency Services (continued)

### Frederick County Fire/Rescue Keeping Kids Safe Program:

2017	2018	2019
531 Seats Checked	409 Seats Checked	478 Seats Checked

Every year numerous Child Safety Seat (CSS) checkpoints are held throughout Frederick County. Keeping Kids Safe is our #1 goal! Currently we have about 100 certified technicians to assist the citizens and visitors of Frederick County. Additional information about our program can be found by calling the Keep kids Safe Hotline at 301-600-SEAT (301-600-7328) or by visiting us on the web at:

http://www.frederickcountymd.gov/safetyseat



## Emergency Services (continued)

### **Smoke Alarm Program**

Cross.

The Frederick County Division of Fire and Rescue Services, along with the Frederick County Volunteer Fire Departments and Frederick County Career Firefighters and Paramedics Union IAFF Local 3666 continue to install 10-year lithium battery-powered smoke alarms. The Smoke Alarms are provided by our wonderful and longtime partners, The American Red

In 2019 we installed 94 smoke alarms, of which there were 4 incidents where the alarms alerted the dwelling occupants.

We would like to thank the following partners who contributed personal, equipment, media support, and smoke alarms:

- The American Red Cross Greater Chesapeake Region- Western Maryland Chapter.
- Maryland State Fireman's Association Fire Prevention Committee.
- Frederick County Division of Fire and Rescue Services which provides batteries, double-sided tape, and personnel to inspect and install smoke alarms.
- Frederick County Public Schools for getting our message out to the students of Frederick County.
- Frederick County Career Firefighters and Paramedics Union IAFF Local 3666 – which provides financial support for supplies
- Frederick County Volunteer Fire and Rescue Association Fire Prevention and Life Safety Committee —for their continued assistance and support in communicating this important program.

Current outreach efforts include a smoke alarm request line for residents who would like to schedule inspections and installations of your smoke alarms.

The number to call is: 301-600-Smoke Alarms Save Lives (7275), or you can email us at:

### smokealarm@frederickcountymd.gov



## **Emergency Services Section Safety Office**

The Captain and three Lieutenants assigned to the Safety Office within the Emergency Services Section function as part of the command staff within the Incident Management System (IMS) during emergency responses of all types throughout the county. Responsibilities for the Safety Officer on the scene of an incident include: monitoring emergency operations, evaluating changing conditions and hazards such as air quality, structural integrity, unsafe work practices, crew integrity, regulatory compliance during technical incidents and providing guidance on weather conditions and work/rest cycles.

In addition to their incident based duties, the members of the safety office are responsible for the following day-to-day tasks within the Division:

- Acting as the Divisions risk management team, to ensure that the county's risk
  management plan is implemented and complied with. An example of this would be
  performing routine inspections of fire rescue stations with our insurance carrier to
  maintain a safe and healthy work environment for the Divisions career staff and
  volunteers.
- Functioning as the Divisions infection control officer, which includes monitoring
  operations to ensure good work practices and investigating all incidents involving
  possible exposure to infectious agents in compliance with Federal and State laws.
  Performing follow-up recommendations to eliminate potential hazards through changes in
  work practices or engineering safe guards.
- Oversees all health and wellness initiatives and programs within the Division. This
  includes annual physicals, Fit Testing, cancer prevention, injury prevention and the new
  O2X performance program, which provides onsite health and wellness resources to all
  personnel.
- Investigating vehicle collisions and incidents involving fire rescue apparatus. Performing remedial training and education to improve performance and instill safety awareness.
- Investigating employee and volunteer injuries, and following up with county staff and the
  county's workers compensation carrier to ensure that any injured employee receives the
  necessary medical treatment and follow-up care. This includes coordinating care between
  the county's contracted medical providers, specialists, and giving testimony before the
  states workers compensation commission.
- Managing the Divisions personal protective equipment inspection program to maximize the safety and life expectancy of equipment issued to operational personnel.
   Serving as Certified Managers for required CDS testing, including random, post-accident and post injury tests.
- Conducts onsite SCBA Fit Testing for volunteers in order to maintain regulatory compliance.
- Representing the Division on various committees and groups such as the county's safety committee and the Metropolitan Washington Council of Governments Safety and Health committee.

# Emergency Services Section Safety Office (continued)

### **Health and Wellness**

In September of 2019, the Division began a partnership with O2X Human Performance to counteract the injuries and illnesses that are common across the fire service. This partnership provides the Division with a full time onsite specialist and a dedicated resource that works solely with personnel in the field to provide education and programs for things such as injury prevention and rehab, nutrition, strength and conditioning, performance and mental health. The O2X methodology emphasizes a change in our culture to which we hope to create a new norm of healthy living, increased resilience and continued physical conditioning within the Division. By investing in the health and wellness of our people, we will help them finish their careers as strong as they started and they in turn will help the Division provide the best service possible to the public for which it serves.





### **Volunteer Fire & Rescue Services**

### **Volunteer Fire & Rescue Services**

The Division of Volunteer Fire and Rescue Services works closely with The Frederick County Volunteer Fire and Rescue Association (FCVFRA), its 25 member companies, the Division of Fire and Rescue Services and County Government to provide support services to the many operational and administrative volunteer members. Frederick County's fire and rescue service is a combination system comprised of both career and volunteer personnel. The Division of Volunteer Fire and Rescue Services recognizes the need for both career and volunteer personnel in order to maintain the high level of quality service expected in Frederick County. The number of requests for service continues to rise, and without the dedication of both career and volunteer personnel, the level of service would diminish to an unacceptable level.

Excellent training is essential, and in addition to on-going training that is held throughout the county at individual fire and rescue stations, countless hours are accumulated through classes conducted by the Maryland Fire and Rescue Institute. Specialized training throughout the year is conducted by the Advance Technical Rescue Team, the Swiftwater Rescue Team, the HazMat Team and the Dive Team. Many members relinquish their personal time and earned vacations to maintain and upgrade their skills. Doing so demonstrates true dedication to helping people without the thought of compensation, which is what volunteering is all about.

Volunteer corporations continue to upgrade equipment, purchasing new ambulances, new engines, and new support units. Fundraising efforts remain as a significant part of the volunteer fire and rescue personnel's lives, and a major factor in supporting the operations of each of the individual corporations.

The Division of Volunteer Fire and Rescue Services maintains a centralized membership database for County volunteers, which records the County's Length of Service Award Program (LOSAP). Since its implementation in 2016, added enhancements include a training module, electronic approval process and drop box feature to improve security of personal information.

There is and always will be a need for more volunteers. The recruitment and retention of volunteers in Frederick County, remains a top priority. The Division continues to recruit new volunteers on-site at various events, via an extensive advertising campaign, which includes television and radio commercials, advertisements, flyers, personal presentations, and a recruitment website, <a href="https://www.GearUpFireRescue.com">www.GearUpFireRescue.com</a>. The success of this campaign is a combined effort between our volunteer recruiter and our individual volunteer corporations, working together to welcome new volunteer members into our fire and rescue family. Additionally, the Division provides over half a dozen orientation classes throughout the year to welcome, educate and provide new volunteers with guidance on transitioning from civilian life to that of a volunteer in Frederick County's fire and rescue service.

Annually, fire and rescue companies receive County government funding to support their operational activities. In 2014, the FCVFRA moved from a line item budgeting system to a funding matrix with quarterly appropriations. The matrix system is calculated using as a base funding amount for type of service provided (fire/EMS or combination), operational square footage, apparatus ownership and call load.

### Volunteer Fire & Rescue Services (continued)

### **Accomplishments**

- Hired Shane Darwick as new Assistant Chief- Volunteer Fire Rescue Division of Volunteer Fire and Rescue
- Volunteer companies purchased four engines, four ambulances, two rescue squads, a tanker, four support vehicles and a boat via various fundraising efforts.
- Completed standards inspections, pump and ladder testing on all apparatus
- Assisted in numerous special events: Great Frederick Fair, National Fallen Fire Fighter Memorial Weekend, July 4th, In the Streets, Frederick Marathon, United Way Charity Campaign etc.
- Continued work on CIP building projects
- Fire Station Multi-Function Printer Program
- Personal Protective Equipment Voucher Program for Volunteer Fire, Rescue and Ambulance Companies
- Personal Protective Equipment distribution took place to replace noncompliant PPE
- County Fallen Firefighters Memorial Rededication
- High School/volunteer training initiatives
- 2019 Accreditation completed assisted with mentorship/reevaluation
- Implemented Substance Abuse Policy for FCVFRA members
- Insurance coverage improvements to management liability and employment practice policies
- Volunteer membership database enhancements
- Electronic signature approval for year-end LOSAP processing
- Training module created within membership database with training level submission of 2019 personnel records
- Annual compliance training conducted at various companies



### Volunteer Fire & Rescue Services (continued)

### Volunteer Recruitment

The Division of Volunteer Fire and Rescue Services (DVFRS) and the Frederick County Volunteer Fire and Rescue Association (FCVFRA) continues to provide a centralized recruitment effort, which supports the twenty-five volunteer corporations. During the 2019 campaign, Frederick County companies gained over 236 new operational, social and administrative members. All volunteers serve an important role by assisting with incident response, managing operations, running intradepartmental affairs and fundraising efforts to help pay for expenses such as fire stations, apparatus and basic needs. All of which are necessary to provide a high quality fire, rescue and emergency medical service to the citizens and visitors of Frederick County and our mutual aid neighbors.

Frederick County fire and rescue companies have varying levels of active membership. Some continue to operate with an all-volunteer membership while others have taken on a combination service model with career personnel assigned to help sustain a consistent operational response. There are many suspected reasons for this transition. Manyhouseholds require multiple incomes to maintain financial livelihood. Increases in training hours, time committed on incidents, numbers of responses and outside elements such as family commitments have played a major role in volunteer fire department sustainability threatening our historically volunteer system.

The DVFRS, FCVFRA and its 25 member companies recognize the need to bolster membership levels. Recruitment efforts are conducted using direct mail flyers, mass media advertising (radio/television) and through attendance at many community events such as Fairs, Open Houses school events. In an effort to ease the intake process for new members, the Division provided six new member "Gear Up" orientation classes. These trainings provide the member with information such as how to sign up for classes, CPR certification, personal protective clothing, fire department orientation, breathing apparatus, LOSAP, HIPAA, code of conduct and harassment. Participant evaluations have proven that the program provides a valued introduction and overview for the newly inducted volunteer.

The Frederick County Volunteer Fire and Rescue Services recruitment campaign continues to raise awareness and encourages new volunteers to "Gear Up." Through many different media outlets, we continue to spread the message that volunteers are valued and needed more today than ever in our emergency service. Please visit us on the web at www.GearUpFireRescue.com.



# FY 2020 Fiscal Plan Volunteer Fire and Rescue Services (continued)

<u>Description</u>		Actual FY17	Actual <u>FY18</u>	Actual <u>FY19</u>	Approved Budget <u>FY20</u>
Number of Personnel		3	3	3	4
Expenditures:					
Salary & Wages	\$	211,984 \$	223,876 \$	236,504 \$	379,020
Overtime	\$	26 \$	189	\$	-
Health Insurance	\$	41,993 \$	44,151		67,200
OPEB	\$	14,220 \$	14,436 \$		20,256
Dental Insurance	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	121 \$	120 \$	120 \$	120
Social Security/Medicare	\$	15,759 \$	16,600 \$	17,049 \$	28,479
Retirement	\$	37,933 \$	33,816	45,229 \$	49,328
Unemployment Cont.	\$	153 \$	153 \$	153 \$	255
Workman's Comp.	\$	794,060 \$	423,664	451,906 \$	227
Life Insurance	\$	662 \$	591 \$	747 \$	1,105
LOSAP	\$	1,013,268 \$	1,240,968	1,460,600 \$	1,187,046
Total Salary & Fringes	\$	2,130,179 \$	1,998,564	\$ 2,285,357 \$	1,733,036
Operating Costs:					
Medical (Physicals)	\$	34,181 \$	34,951	35,084 \$	35,000
Equipment Maint./Repairs	\$ \$ \$	275 \$	135 \$	215 \$	4,300
Fleet Charges	\$	70,181 \$	32,286	\$ 14,124 \$	10,000
Property/Liability Ins.				\$	200,000
Vehicle/Equip Ins.	\$	497,444 \$	499,425	498,509 \$	327,686
Telephone Base/Activity	\$	570 \$	321 \$	308 \$	360
Wireless Communications	\$	2,097 \$	1,639	1,695 \$	2,684
Advertising	\$	16,556 \$	18,546	19,203 \$	20,000
Travel/Training	\$	1,486 \$	1,190 \$	1,433 \$	3,000
Staff Mileage	\$ \$ \$ \$ \$ \$	437 \$	1,263	152 \$	750
Contracted Services	\$	20,805 \$	6,824	8,845 \$	16,543
Postage	\$	610 \$	1,613	1,845 \$	3,500
Printing	\$	2,241 \$	2,012	412 \$	6,100
Uniforms/Safety Shoes	\$ \$ \$ \$ \$ \$	1,901 \$	2,762	2,440 \$	2,122
Nonexpendable Supplies	\$	5,271 \$	5,395	4,307 \$	6,951
Computer S/W and H/W	\$	364	Ç	2,731 \$	-
Fleet Fuel	\$	10,379 \$	5,555	2,217 \$	6,523
Office Supplies	\$	3,399 \$	2,719	1,603 \$	4,500
F&R Individual Co.	\$	45,000 \$	45,000 \$	47,382 \$	45,000
Capital Equipment-NonBuilding				\$	15,000
Transfer to Fleet			Ç	50,000	
Transfer to Workers' Compensation				\$	529,617
Total Operating Expenses	\$	713,197 \$	661,636	692,504 \$	1,239,636
Total Budget	\$	2,843,376 \$	2,660,201	\$ 2,977,861 \$	2,972,672

# FY 2020 Fiscal Plan Volunteer Fire and Rescue Companies (continued)

### FUNDING MATRIX FOR VOLUNTEER FIRE COMPANIES

<u>Description</u>	Actual <u>FY17</u>	Actual FY18	Actual FY19	Approved Budget <u>FY20</u>
Number of Personnel	0	0	0	0
Operating Cost:				
Independent Hose Company #1	\$ 209,198	\$ 212,233	\$ 235,404	\$ 289,451
Junior Fire Company #2	\$ 194,375	\$ 189,281	\$ 166,412	\$ 221,525
United Steam Fire Company #3	\$ 206,776	\$ 205,110	\$ 247,960	\$ 276,196
Citizens Truck Company #4	\$ 117,664	\$ 122,672	\$ 146,484	\$ 102,750
Brunswick Vol. Fire Company #5	\$ 97,300	\$ 111,335	\$ 112,314	\$ 114,131
Vigilant Hose Company #6	\$ 111,043	\$ 114,105	\$ 124,087	\$ 129,355
Middletown Vol. Fire Company #7	\$ 104,840	\$ 122,677	\$ 150,386	\$ 102,700
Myersville Vol. Fire Company #8	\$ 136,477	\$ 120,720	\$ 122,644	\$ 127,644
New Midway Vol. Fire Company #9	\$ 59,535	\$ 61,468	\$ 77,152	\$ 79,785
Guardian Hose Company #10	\$ 92,463	\$ 95,793	\$ 122,663	\$ 126,225
Walkersville Vol. Fire Company #11	\$ 111,210	\$ 112,029	\$ 121,993	\$ 125,240
Braddock Heights Vol. Fire Co. #12	\$ 84,967	\$ 98,574	\$ 101,704	\$ 109,400
Rocky Ridge Vol. Fire Co. #13	\$ 62,801	\$ 64,939	\$ 81,270	\$ 84,590
Carroll Manor Vol. Fire Co. #14	\$ 130,104	\$ 112,257	\$ 111,641	\$ 115,204
New Market District Vol. Fire Co. #15	\$ 112,675	\$ 125,927	\$ 137,671	\$ 149,669
Woodsboro Vol. Fire Co. #16	\$ 89,028	\$ 71,009	\$ 74,462	\$ 88,312

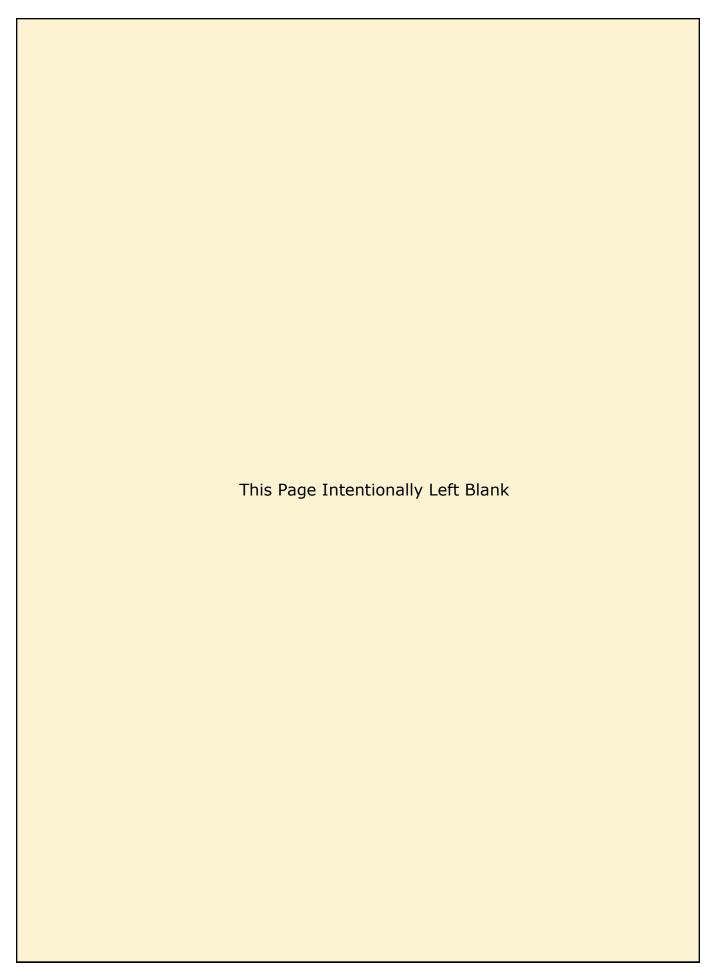
# FY 2020 Fiscal Plan Volunteer Fire and Rescue Companies (continued)

### FUNDING MATRIX FOR VOLUNTEER FIRE COMPANIES

<u>Description</u>		Actual Actual FY17 FY18		Actual <u>FY19</u>		Approved Budget <u>FY20</u>		
Operating Cost:								
Libertytown Vol. Fire Company #17	\$	111,751	\$	98,273	\$	120,078	\$	129,438
Graceham Vol. Fire Company #18	\$	57,436	\$	70,744	\$	73,806	\$	75,422
Brunswick Rescue Company #19	\$	85,400	\$	86,812	\$	94,225	\$	96,888
Jefferson Vol. Fire Company #20	\$	113,619	\$	118,224	\$	124,711	\$	128,512
Wolfsville Vol. Fire Company #21	\$	58,982	\$	55,269	\$	72,430	\$	73,758
Lewistown Vol. Fire Company #22	\$	93,319	\$	123,550	\$	102,002	\$	96,422
Urbana Vol. Fire Company #23	\$	123,504	\$	179,417	\$	174,601	\$	163,259
Walkersville Rescue Company #24	\$	102,104	\$	105,811	\$	124,803	\$	114,951
Green Valley Fire Company #25	\$	116,638	\$	92,821	\$	90,822	\$	107,984
Emmitsburg Ambulance Co. #26	\$	85,684	\$	90,920	\$	96,355	\$	103,039
Point of Rocks Fire Station #28	\$	59,846	\$	73,741	\$	79,597	\$	75,686
Thurmont Community Amb. #30	\$	79,156	\$	80,928	\$	90,441	\$	79,904
Westview Fire Station #31	\$	101,835	\$	122,609	\$	118,649	\$	160,789
Spring Ridge Fire Station #33	\$	100,856	\$	116,079	\$	94,096	\$	103,253
Sub-Total Companies	\$ \$	3,210,586	\$	3,355,328	\$	3,590,860	\$	3,751,482
HazMat	\$	30,443	-	45,374			\$	25,043
Dive Team	\$	10,559	\$	10,272	\$	11,039	\$	12,831
ATR Team	\$	•	-	-	\$	•	\$	17,653
Fire Police	\$	,	\$	2,967	\$	4,937		3,000
Wildland Team	\$	180		2,180	\$	1,189		2,396
Honor Guard	\$	-	т.	100		904		500
Training Committee	\$	18,392					\$	17,000
Recruitment & Retenetion Comm.	\$	285,231	·	367,367			\$	515,280
Fire Prevention	\$	46,007	\$	47,610			\$	45,000
Sub-Total Teams and Committies	\$	408,726	\$	505,864	\$	545,980	\$	638,703
Total Budget	\$	3,619,312	\$	3,861,192	\$	4,136,840	\$	4,390,185

# FY 2020 Fiscal Plan Volunteer Fire and Rescue Companies Misc. Volunteer Fire Rescue Services (continued)

<u>Description</u>		Actual FY17	Actual FY18	Actual FY19	Approved Budget <u>FY20</u>
Number of Personnel		0	0	0	0
Expenditures:					
Salary & Wages					
Overtime					
Health Insurance					
OPEB					
Dental Insurance					
Social Security/Medicare					
Retirement					
Unemployment Cont.					
Workman's Comp.					
Life Insurance					
Total Salary & Fringes	\$	- \$	- \$	- \$	-
Operating Costs:					
Small Tools	\$	3,480 \$	3,996 \$	4,158 \$	5,000
Nonexpendable Supplies	\$	540,834 \$	540,057 \$	134,067 \$	296,000
Medical/Surgical Supplies	\$	219,281 \$	222,809 \$	232,971 \$	226,856
Gasoline	\$	- \$	- \$	- \$	134,005
Vehicle Supplies	\$ \$ \$	4,894 \$	6,371 \$	5,694 \$	5,000
F&R Individual Co.	\$	1,025 \$	700 \$	700 \$	50,700
Misc Fire/Rescue Approp.	\$	71,359 \$	71,252 \$	148,679 \$	145,635
<b>Total Operating Expenses</b>	\$	840,873 \$	845,185 \$	526,270 \$	863,196
Total Budget	\$	840,873 \$	845,185 \$	526,270 \$	863,196
Senator Amos Funds:					
Amoss State 508 Grant	\$	559,252 \$	566,349 \$	572,654\$	580,000



### **Retirement News**

### Congratulations to all those who retired in 2019!



Chief Thomas Owens 4 Years of Service



Caryl Wenger 15 Years of Service



John Beard 19 Years of Service



Stephen Adams 20 Years of Service



Thomas Nuse 20 Years of Service



Jason Barrick 21 Years of Service



R. Eric Jacobs 21 Years of Service



Kenneth Day 24 Years of Service



Edith Rinehart 31 Years of Service



### **In Memoriam**



Drue G. Jones 1959—2019



Thomas C. Nuse 1972—2019

### Line of Duty Death

**TECHNICIAN MICHAEL POWERS** 

Last Alarm 25, June 2019



Michael R. Powers 1949—2019

A life that touches others goes on forever.

## 2019 Chamber of Commerce Public Safety Awards

The Annual Public Safety Awards honor Law Enforcement, Fire & Rescue and Emergency Services professionals protecting Frederick County.

Those receiving awards were:

### Gold Medal of Valor

FF III Jeff Scire, Independent Hose Company

### **Life Saving Award**

Capt. Edie Rinehart, DFRS
Capt. Matt Shaw, DFRS
Lt. Michael Steele, DFRS
Tech. Matt Karas, DFRS
Tech. Chris Prestia, DFRS
FF III Robert James, DFRS
FF III Kenneth Sollers, DFRS
FF II Daniel Dodd, DFRS

### Supervisor of the Year

Lt. Matthew Wiles, DFRS

### Medic of the Year

Fire Medic III Gary Ruggiero, DFRS

### Career Firefighter of the Year

FF III John Arnold, DFRS

### **Probationary Firefighter of the Year**

PFF Trevor Meador, DFRS

### **Volunteer Firefighter of the Year**

Capt. Alexander McKenna, Vigilant Hose Company

### SuperBronze Medal of Outstanding Performance

Lt. Dan Winters, DFRS'
FF III Joey Moravec, DFRS
Fire Medic II Gemma d'Eustacio, DFRS
Tech. Bernie Studds, DFRS

### **Outstanding Citizen Award**

Scott Montgomery Makenzie Harne



### **Unit Citation**

## FREDERICK COUNTY FIRE AND RESCUE SERVICES



### Engine 12

Captain Charles E. Scott Technician Brian A. Yankey Firefighter I Brian J. Fletcher

### Rescue Squad 3

Lieutenant Michael R. Osele Technician Troy S. Russell Technician Kevin M. Trevey

### Ambulance 19

Firefighter II Joshua D. Ziegler Firefighter II Zachary P. Mellin

#### **Ambulance 29**

Firefighter I Davis P. Kasprowicz Firefighter II Sean D. Jones

#### Medic 1

Fire-Medic III Mario J. Reda

#### Medic 2

Fire-Medic III Kenneth A. Harrelson
Firefighter II Patrick J. Mangus

### On-Scene

Technician Robert W. Douglas
Fire-Medic II Charles S. Hannaby

### **EMS 902**

Lieutenant Bernard W. Studds



On Tuesday, December 10, 2019 at 0655 hours box alarm 01-01 was sounded for a report of a house fire in the 1200 Block of Wilson Place. While enroute, units were provided additional information that two persons were still inside the structure. First arriving Engine 12 reported a one story single family dwelling with fire showing from the front of the house. Contact was made with an occupant who had self-evacuated and confirmed that two persons were trapped inside of the home.

The crew from Engine 12 and Rescue Squad 3 worked together to rapidly begin a search while deploying a handline to knock down the fire and protect the trapped occupants. Within two minutes of arrival the first occupant was found and removed from the structure and turned over to awaiting EMS crews. Firefighters reentered the building, found the second patient, and rapidly removed them from the structure.

The focus of the incident then transitioned to resuscitative efforts with crews performing critical lifesaving interventions on the two critically injured civilians who were removed from the inferno. Ambulance 19, Medic 2 and EMS902 transported one patient to Bayview Burn Center while Ambulance 29 and Medic 1 transported a second patient to Frederick Health Hospital.

The initial arriving crews to this incident rapidly made critical decisions and took decisive action to simultaneously effect multiple rescues while rapidly extinguishing the fire. The successful actions taken by the responders directly involved in the incident that day reflects highly upon their professionalism, training, and personal skills. It is my pleasure to recognize the following members of the Frederick County Division of Fire and Rescue Services with this well-deserved Unit Citation.

## 2019 Recognition for Excellence in Emergency Medical Services

These awards are given to recognize excellence in the provision of Emergency Medical Services. In both cases a citizen was successfully resuscitated from a cardiac arrest thanks to the skill and hard work of the following EMS Providers:

### June 6, 2019 Accipiter Court New Market, Maryland

Sergeant Conway Parrish New Market District Volunteer Fire Department EMT Rebecca Temple New Market District Volunteer Fire Department **EMT Dash Harris** New Market District Volunteer Fire Department Firefighter Phillip Gamble New Market District Volunteer Fire Department Firefighter Michael Constatine New Market District Volunteer Fire Department Firefighter Christain Wright New Market District Volunteer Fire Department Firefighter Brandon Murdoff New Market District Volunteer Fire Department Firefighter Jeremy Bobongo New Market District Volunteer Fire Department Probationary EMT Arielle Miles New Market District Volunteer Fire Department

Firefighter Paramedic Carrie Sollenberger DFRS

November 26, 2019 North Market Street Frederick, Maryland

Lieutenant David Coe	DFRS
Lieutenant Jason Komykoski	DFRS
Technician Leon Norris	DFRS
Firefighter Paramedic Scott Lindberg	DFRS
Firefighter Cezar Lopez	DFRS
Firefighter Zak Persing	DFRS
Firefighter Jeff Felter	DFRS

### On the Job



# **Proudly Serving Frederick County**



5370 Public Safety Place Frederick MD 21704 301-600-1536



